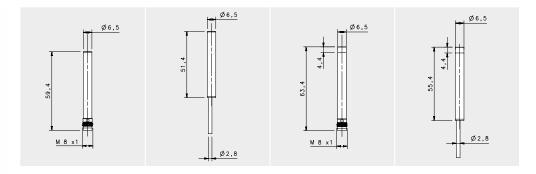
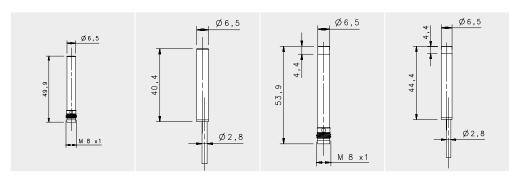
BASIC M6.5





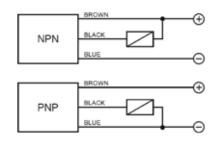
				STANDARD					
				FLU	ISH	NON F	LUSH		
				M8 conn	cable	M8 conn	cable		
NOMINAL SWITCH	ING DISTAN	CE		1,5 mm	1,5 mm	2 mm	2 mm		
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.						
10-30 Vdc	PNP NO	3 wires	order No.	IS-65-A1-S1 95B066050	IS-65-A1-03 95B064730	IS-65-C1-S1 95B066210	IS-65-C1-03 95B064890		
10-30 Vdc	PNP NC	3 wires	order No.	IS-65-A2-S1 95B066090	IS-65-A2-03 95B064770	IS-65-C2-S1 95B066250	IS-65-C2-03 95B066300		
10-30 Vdc	NPN NO	3 wires	order No.	IS-65-A3-S1 95B064970	IS-65-A3-03 95B064650	IS-65-C3-S1 95B066130	IS-65-C3-03 95B064810		
10-30 Vdc	NPN NC	3 wires	order No.	IS-65-A4-S1 95B066010	IS-65-A4-03 95B064690	IS-65-C4-S1 95B066170	IS-65-C4-03 95B064850		
10-30 Vdc	PNP NO-NC	4 wires	order No.						
10-30 Vdc	NPN NO-NC	4 wires	order No.						
10-30 Vdc	NO-NC	2 wires	order No.						
20-250 Vac/Vdc	NO	2 wires	order No.						
20-250 Vac/Vdc	NC	2 wires	order No.						
20-250 Vac	NO	2/3 wires	order No.						
10-30 Vdc	Analog 0-20 mA	3 wires	order No.						
NAMUR amplifier	NAMUR	2 wires	order No.						

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	200 mm	200 mA	200 mm	200 mA
Min. Output Current				
Residual Current	< 1,6 mA	< 1,6 mA	< 1,6 mA	< 1,6 mA
Voltage Drop	< 1,2 V (l=100 mA)	< 1,2 V (I=100 mA)	< 1,2 V (I=100 mA)	< 1,2 V (l=100 mA)
Operation Led	Yellow	Yellow	Yellow	Yellow
Switching Frequency	1000 Hz	1000 Hz	1000 Hz	1000 Hz
Start Up Delay	< 50 ms	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads			
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67	IP67
Cable Length		2 m		2 m
Cable Section		3x 0,14 mm²		3x 0,14 mm²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active Face	LCP	LCP	LCP	LCP
Tightening torque				
Weight - Cable Output		80 g		80 g
Weight - Connector Output	40 g		40 g	



	SH	ORT	
FLI	JSH		LUSH
M8 conn	cable	M8 conn	cable
1,5 mm	1,5 mm	2 mm	2 mm
IS-65-B1-S1	IS-65-B1-03	IS-65-D1-S1	IS-65-D1-03
95B066070	95B064750	95B066230	95B064910
IS-65-B2-S1	IS-65-B2-03	IS-65-D2-S1	IS-65-D2-03
95B066110	95B064790	95B066270	95B064950
IS-65-B3-S1	IS-65-B3-03	IS-65-D3-S1	IS-65-D3-03
95B064990	95B064670	95B066150	95B064830
IS-65-B4-S1	IS-65-B4-03	IS-65-D4-S1	IS-65-D4-03
95B066030	95B064710	95B066190	95B066190
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%	< 10%
< 10%	< 10%	< 10%	< 10%
200 mA	200 mA	200 mA	200 mA
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)			
Yellow	Yellow	Yellow	Yellow
1000 Hz	1000 Hz	1000 Hz	1000 Hz
< 50 ms	< 50 ms	< 50 ms	< 50 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads			
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
IP67	IP67	IP67	IP67
	2 m		2 m
	3 x 0,14 mm²		3 x 0,14 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP	LCP
	80 g		80 g
40 g		40 g	

3 wires PNP or NPN



M8 3 pole

....

 CONTACTS CONFIGURATION

 Available
 Contacts numbers

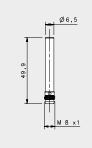
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 3
 4

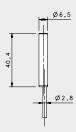
 INDEV
 INDE
 IEACX

 NPN/PNP
 +
 NOINC

BASIC M6.5







80 g

SHORT X2

				FLUSH		
				M8 conn	cable	
NOMINAL SWITCH	IING DISTAN	CE		2 mm	2 mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires				
			order No.	 IS-65-G1-S1	 IS-65-G1-03	
10-30 Vdc	PNP NO	3 wires	order No.	95B066060	95B064740	
	PNP		order No.	IS-65-G2-S1	IS-65-G2-03	
10-30 Vdc	NC	3 wires	order No.	95B066100	95B064780	
	NPN	3 wires		IS-65-G3-S1	IS-65-G3-03	
10-30 Vdc	NO		order No.	95B064980	958064660	
	NPN			IS-65-G4-S1	IS-65-G4-03	
10-30 Vdc	NC	3 wires	order No.	95B066020	95B064700	
	PNP					
10-30 Vdc	NO-NC	4 wires	order No.			
	NPN					
10-30 Vdc	NO-NC	4 wires	order No.			
10-30 Vdc	NO-NC	2 wires	order No.			
20-250 Vac/Vdc	NO	2 wires	order No.			
		2				
20-250 Vac/Vdc	NC	2 wires	order No.			
20. 250.1/		2/2				
20-250 Vac	NO	2/3 wires	order No.			
40.00.14-	Analog	_ ·				
10-30 Vdc	0-20 mA	3 wires	order No.			
NAMUR amplifier	NAMUR	2 wires	order No.			
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
Residual Ripple				< 10%	< 10%	
Hysteresis				< 10%	< 10%	
Max. Output Curre	nt			200 mA	200 mA	
Min. Output Curre						
Residual Current				< 10 mA	< 10 mA	
Voltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	
Operation Led				Yellow	Yellow	
Switching Frequer	וכע			500 Hz	500 Hz	
Start Up Delay				< 75 ms	< 75 ms	
Repeatability				< 3%	< 3%	
Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	
Electric Protection	1			Against polarity reversal inductive loads	Against polarity reversal inductive loads	
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)	
Protection Degree				IP67	IP67	
Cable Length					2 m	
Cable Section					3 x 0,14 mm²	
Housing Material				Nickel-plated brass	Nickel-plated brass	
Active face				LCP	LCP	

40 g

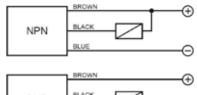
Tightening torque Weight - Cable Output

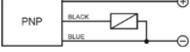
Weight - Connector Output



SHO	RT X 2
	I FLUSH
M8 conn	cable
3 mm	3 mm
IS-65-H1-S1	IS-65-H1-03
95B066220	95B064900
IS-65-H2-S1	IS-65-H2-03
95B066260	95B064940
IS-65-H3-S1	IS-65-H3-03
95B066140	95B064820
IS-65-H4-S1	IS-65-H4-03
95B066180	95B064860
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%
< 10%	< 10%
200 mA	200 mA
< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow
500 Hz	500 Hz
< 75 ms	< 75 ms
< 3%	< 3%
Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)
IP67	IP67
	2 m
	3 x 0,14 mm²
Nickel-plated brass	Nickel-plated brass
LCP	LCP
	80 g
40 g	
0	

3 wires PNP or NPN



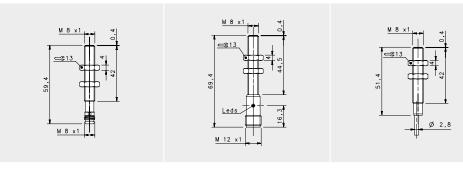


M8 3 pole



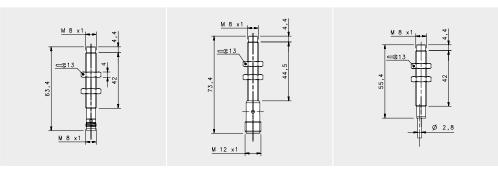
27.222.0	Contacts numbers			
Available	1 HROWN	3 HALE	HACK	
NPN/PNP	+	-	NO/NO	





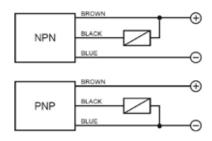
					STANDARD		
					FLUSH		
				M8 conn	M12 conn	cable	
NOMINAL SWITCH	IING DISTAN	CE		1,5 mm	1,5 mm	1,5 mm	
10-30 Vdc	PNP/NPN	N 4 wires					
	NO-NC	4 WIICS	order No.				
10-30 Vdc	PNP	3 wires		IS-08-A1-S1	IS-08-A1-S2	IS-08-A1-03	
10-30 Vac	NO	5 101105	order No.	95B061141	95B061131	95B061121	
10-30 Vdc	PNP 3 wires	Zwiroc		IS-08-A2-S1	IS-08-A2-S2	IS-08-A2-03	
10-30 Vuc		5 WIIES	order No.	95B061171	95B061161	95B061151	
10-30 Vdc	NPN NO 3 wires	Zwiroc		IS-08-A3-S1	IS-08-A3-S2	IS-08-A3-03	
10-30 Vac		NO ^{3 wires}	order No.	95B061081	95B061071	95B061061	
10 20 Vda	Vdc NPN 3 w		Zuviroc		IS-08-A4-S1	IS-08-A4-S2	IS-08-A4-03
10-30 Vdc			order No.	95B061111	95B061101	95B061091	
10-30 Vdc	PNP	4 wires					
10 50 140	NO-NC		4 WIIES	4 WIIES	order No.		
10-30 Vdc	NPN	(wiroc					
10-30 Vuc	NO-NC	NC 4 wires	order No.				
10-30 Vdc	NO-NC	2 wires					
10-50 Vuc	NU-NC	2 wires	order No.				
20-250 Vac/Vdc	NO	Juviros					
20-250 Vac7 Vuc	NO	2 wires	order No.				
20-250 Vac/Vdc	NC	2 wires					
20-250 Vac/ Vuc	NC	2 WIIes	order No.				
20. 250 Vac	NO	2/2					
20-250 Vac	NO	2/3 wires	order No.				
10.201/4-	Analog	Duringe					
10-30 Vdc	0-20 mA	3 wires	order No.				
		2					
NAMUR amplifier	NAMUR	2 wires	order No.				

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%
Max. Output Current	200mA	200mA	200mA
Min. Output Current			
Residual Current	< 10 mA	< 10 mA	< 10 mA
Voltage Drop	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Operation Led	Yellow	Yellow	Yellow
Switching Frequency	1000 Hz	1000 Hz	1000 Hz
Start Up Delay	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67
Cable Length			2 m
Cable Section			3x 0,14 mm²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output			80 g
Weight - Connector Output	35g	55g	



	STANDARD	
	NON FLUSH	
M8 conn	M12 conn	cable
2 mm	2 mm	2 mm
IS-08-C1-S1	IS-08-C1-S2	IS-08-C1-03
95B061541	95B061531	95B061521
IS-08-C2-S1	IS-08-C2-S2	IS-08-C2-03
95B061571	95B061561	95B061551
IS-08-C3-S1	IS-08-C3-S2	IS-08-C3-03
95B061481	95B061471	95B066410
IS-08-C4-S1	IS-08-C4-S2	IS-08-C4-03
95B061511	95B061501	95B066450
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%
< 10%	< 10%	< 10%
200mA	200mA	200mA
< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow	Yellow
1000 Hz	1000 Hz	1000 Hz
< 50 ms	< 50 ms	< 50 ms
< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
IP67	IP67	IP67
		2 m
		3x 0,14 mm ²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP
	* see page 5 of the Inductive Sensors Catalog	
		00.8





M12 3 pole



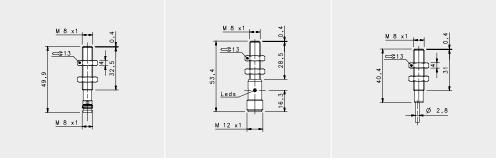
0	JULIACES	S CONFIGU	RATION		
Available	Contacts numbers				
AVAILADIA.	1	2	3	4	
(NO or NC)	+		100	NOINC	

M8 3 pole



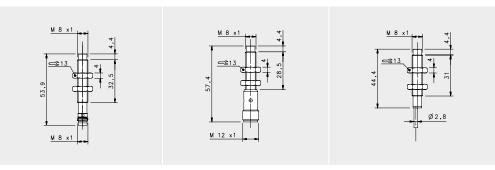
CONT	ACTS CON	FIGURAT	ION	
1275-2222-05	Contacts numbers			
Available	1 HROWN	3 HALE	4 BLACK	
NPN/PNP	+	-	NO/NC	





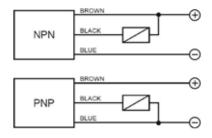
					SHORT	
					FLUSH	
				M8 conn	M12 conn	cable
NOMINAL SWITCH	ING DISTAN	CE		1,5 mm	1,5 mm	1,5 mm
10-30 Vdc	PNP/NPN	4 wires				
	NO-NC 4		order No.			
10-30 Vdc	PNP	3 wires		IS-08-B1-S1	IS-08-B1-S2	IS-08-B1-03
	NO	JWIICJ	order No.	95B066860	95B066590	95B061921
10-30 Vdc	PNP 2 wiro	3 wires		IS-08-B2-S1	IS-08-B2-S2	IS-08-B2-03
10-30 Vuc	NC	5 WILES	order No.	95B066890	95B066620	95B061951
10-30 Vdc	NPN 3 wires	Zwiros		IS-08-B3-S1	IS-08-B3-S2	IS-08-B3-03
10-30 Vac		NO ^{3 wires}	order No.	95B066810	95B066530	95B061861
10-30 Vdc	NPN			IS-08-B4-S1	IS-08-B4-S2	IS-08-B4-03
10-30 Vac	NC		order No.	95B066830	95B066560	95B061891
10-30 Vdc	PNP	4 wires				
	NO-NC		order No.			
10-30 Vdc	NPN	NPN NO-NC 4 wires				
	NO-NC		order No.			
10-30 Vdc	NO-NC	2 wires				
10-50 Vac	NO-NC	2 WIICS	order No.			
20-250 Vac/Vdc	NO	2 wires				
20-250 Vac/ Vuc	NO	2 WIIES	order No.			
20-250 Vac/Vdc	NC	2 wires				
20-250 Vac/ Vuc	NC	2 WIIES	order No.			
20-250 Vac	NO	2/3 wires				
20-250 Vac	NO	Z/ J WILES	order No.			
10-30 Vdc	Analog	3 wires				
10-30 Vul	0-20 mA	5 WILES	order No.			
NAMUR amplifier	NAMUR	2 wires				
NAMOR ampliner	NAWUR	2 wires	order No.			

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%
Max. Output Current	200mA	200mA	200mA
Min. Output Current			
Residual Current	< 10 mA	< 10 mA	< 10 mA
Voltage Drop	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Operation Led	Yellow	Yellow	Yellow
Switching Frequency	1000 Hz	1000 Hz	1000 Hz
Start Up Delay	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67
Cable Length			2 m
Cable Section			3 x 0,14 mm²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output			80 g
Weight - Connector Output	35g	55g	



	SHORT	
	NON FLUSH	
M8 conn	M12 conn	cable
2 mm	2 mm	2 mm
IS-08-D1-S1	IS-08-D1-S2	IS-08-D1-03
95B066970	95B066700	95B062321
IS-08-D2-S1	IS-08-D2-S2	IS-08-D2-03
95B067000	95B066720	95B062351
IS-08-D3-S1	IS-08-D3-S2	IS-08-D3-03
95B066920	95B066650	958066430
IS-08-D4-S1	IS-08-D4-S2	IS-08-D4-03
95B066940	95B066670	95B062291
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%
< 10%	< 10%	< 10%
200mA	200mA	200mA
< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow	Yellow
1000 Hz	1000 Hz	1000 Hz
< 50 ms	< 50 ms	< 50 ms
< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
IP67	IP67	IP67
		2 m
		3 x 0,14 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP
	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalo
	-	80 g
35g	55g	

3 wires PNP or NPN



M12 3 pole



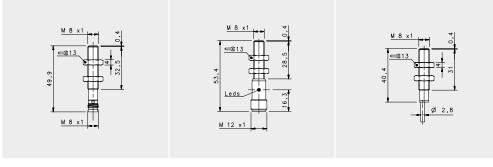
C(DNTACTS	S CONFIGU	RATION	
Available		Contacts	numbers	See. 15
Available .	1	2	3	4
(NO or NC)	+			NO/NC

M8 3 pole

1	• `		
		<u>۱</u>	
• •	•):	
		/	

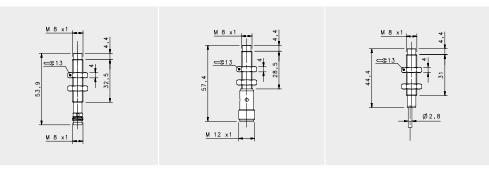
CONT	ACTS CON	FIGURAT	ION		
Contacts numbers					
Available	1 JHCWN	3 HULE	HACK		
NPN/PNP	+	-	NOINC		





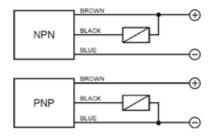
					SHORT X2			
					FLUSH			
				M8 conn	M12 conn	cable		
IOMINAL SWITCH	HING DISTAN	CE		2 mm	2 mm	2 mm		
10-30 Vdc	PNP/NPN	4 wires						
10-30 Vac	NO-NC	4 WIICS	order No.					
10-30 Vdc	PNP	3 wires		IS-08-G1-S1	IS-08-G1-S2	IS-08-G1-03		
10-30 vac	NO	JWIIES	order No.	95B066850	95B066580	95B066370		
10-30 Vdc	PNP	3 wires		IS-08-G2-S1	IS-08-G2-S2	IS-08-G2-03		
10-30 vac	NC	JWIICS	order No.	95B066880	95B066610	95B066390		
10-30 Vdc	NPN	3 wires		IS-08-G3-S1	IS-08-G3-S2	IS-08-G3-03		
10-30 Vuc	NO	5 WIIES	order No.	95B066800	95B066520	95B066330		
10-30 Vdc	NPN	3 wires		IS-08-G4-S1	IS-08-G4-S2	IS-08-G4-03		
10-50 Vul	NC NC	NC	5 Wiles	5 WIES	order No.	95B063131	95B066550	95B066350
10-30 Vdc	PNP	4 wires						
	NO-NC		order No.					
10-30 Vdc	NPN	4 wires						
	NO-NC		order No.					
10-30 Vdc	NO-NC	2 wires						
10 50 140		2 111103	order No.					
20-250 Vac/Vdc	NO	2 wires						
20 250 140, 140		2 WIICS	order No.					
20-250 Vac/Vdc	NC	2 wires						
20 250 140, 140		2 11105	order No.					
20-250 Vac	NO	2/3 wires						
20 250 140		2/ 5 10/105	order No.					
10-30 Vdc	Analog	3 wires						
	0-20 mA	5 WIICS	order No.					
NAMUR amplifier	NAMUR	2 wires						
		2 WIICS	order No.					

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%
Max. Output Current	200mA	200mA	200mA
Min. Output Current			
Residual Current	< 10 mA	< 10 mA	< 10 mA
Voltage Drop	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Operation Led	Yellow	Yellow	Yellow
Switching Frequency	500 Hz	500 Hz	500 Hz
Start Up Delay	< 75 ms	< 75 ms	< 75 ms
Repeatability	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +60 °C)	(-25 +60 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67
Cable Length			2 m
Cable Section			3 x 0,14 mm²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output			80 g
Weight - Connector Output	35g	55g	



80 g	M8 conn M12 conn cable 3 mm 3 mm 3 mm 15-08-H1-51 15-08-H1-52 15-08-H1-03 95006690 95006690 95006690 15-08-H2-51 15-08-H2-52 15-08-H2-53 9500690 95006640 95006640 95006910 95006640 95006640 15-08-H2-51 15-08-H3-52 15-08-H3-53 95006910 95006640 95006640 950069251 95006640 95006640 9500693251 950063241 95006640 15-08-H4-51 15-08-H4-52 15-08-H3-53 950063251 950063241 95006640 15-08-H4-51 15-08-H4-52 15-08-H3-53 15-08-H4-51 15-08-H4-52 15-08-H3-53 15-08-H4-51 15-08-H4-52 15-08-H3-6640 15-10 1 1 1 1 1 1 1 1 1 1 1 <th></th> <th>SHORT X2</th> <th></th>		SHORT X2	
3 mm3 mm3 mm	3 mm 3 mm 3 mm		NON FLUSH	
S-0eH1-51 IS-0eH1-52 IS-0eH1-53 958066960 95806690 95806690 IS-0eH251 IS-0eH252 IS-0eH2-33 958066990 95806690 95806620 IS-0eH351 IS-0eH352 IS-0eH3-03 958066910 95806620 95806620 IS-0eH4-51 IS-0eH4-52 IS-0eH3-03 958066251 958063241 95806660 IS-0eH4-51 IS-0eH4-52 IS-0eH4-53 958066251 95806640 95806660 IS-0eH4-51 IS-0eH4-52 IS-0eH4-53 958066251 95806640 95806640 IS-0eH4-51 IS-0eH4-52 IS-0eH4-53 IS-0eH4-51 IS-0EH4-52 IS-0EH4-52 IS-0EH4-52 IS-0EH4-52 IS-0EH44-53 IS-0EH4-52 <th> I</th> <th>M8 conn</th> <th>M12 conn</th> <th>cable</th>	I	M8 conn	M12 conn	cable
IS-0B-H1-51 IS-0B-H1-52 IS-0B-H1-03 IS-0B-H2-51 IS-0B-H2-52 IS-0B-H2-03 IS-0B-H2-51 IS-0B-H2-52 IS-0B-H2-03 IS-0B-H3-51 IS-0B-H3-52 IS-0B-H3-53 IS-0B-H3-51 IS-0B-H3-52 IS-0B-H3-53 IS-0B-H3-51 IS-0B-H4-51 IS-0B-H3-52 IS-0B-H4-51 IS-0B-H4-52 IS-0B-H3-53 IS-0B-H4-51 IS-0B-H3-52 IS-0B-H3-53 IS-0B-H4-51 IS-0B-H4-52 IS-0B-H4-53 IS-0B-H4-51 IS-0	IS-08-H1-51 IS-08-H1-52 IS-08-H1-03 IS-08-H2-51 IS-08-H2-52 IS-08-H2-03 IS-08-H2-51 IS-08-H2-52 IS-08-H2-03 IS-08-H2-51 IS-08-H3-52 IS-08-H3-03 IS-08-H2-51 IS-08-H3-52 IS-08-H3-03 IS-08-H2-51 IS-08-H4-52 IS-08-H4-03 IS-08-H2-51 IS-08-H4-52 IS-08-H4-03 IS-08-H2-51 IS-08-H4-52 IS-08-H4-03 IS-08-H4-51 IS-08-H4-52 IS-08-H4-03 IS-08-H4-51 IS-08-H4-52 IS-08-H4-03 IS-08-H4-51 IS-08-H4-52 IS-08-H4-03 IS-08-H4-52 IS-08-H4-03 IS-08-H4-03 IS-08-H4-52 IS-08-H4-52 IS-08-H4-52 IS-08-H4-52 IS-0	3 mm	3 mm	3 mm
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< 10%	< 10%			
< 10%	< 10%	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
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< 10 mA	< 10 mA	< 10%	< 10%	< 10%
< 10 mA	< 10 mA	200mA	200mA	200mA
< 1,2 V (I=100mA)< 1,2 V (I=100mA)< 1,2 V (I=100mA)YellowYellowYellow500 Hz500 Hz500 Hz< 75 ms	< 1,2 V (I=100mA)			
< 1,2 V (I=100mA)< 1,2 V (I=100mA)< 1,2 V (I=100mA)YellowYellowYellow500 Hz500 Hz500 Hz< 75 ms	< 1,2 V (I=100mA)	< 10 mA	< 10 mA	< 10 mA
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< 75 ms< 75 ms< 75 ms< 3%	< 75 ms< 75 ms< 75 ms< 3%			
< 3%< 3%< 3%Present (self-resetting)Present (self-resetting)Present (self-resetting)Against polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loads(-25+60°C)(-25+60°C)(-25+70°C)IP67IP67IP672 m3 x 0,14 mm²Nickel-plated brassNickel-plated brassNickel-plated brassLCPLCPLCPsee page 5 of the Inductive Sensors Catalog* see page 5 of the Inductive Sensors Catalog80 g	< 3%< 3%< 3%Present (self-resetting)Present (self-resetting)Present (self-resetting)Against polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loads(-25+60 °C)(-25+60 °C)(-25+70 °C)(P67(P67P672 m2 m3 x 0,14 mm²Nickel-plated brassNickel-plated brassNickel-plated brassLCPLCPLCP80 g			
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2 m 3 x 0,14 mm² Nickel-plated brass Nickel-plated brass LCP LCP see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog 80 g	2 m 3 x 0,14 mm² Nickel-plated brass Nickel-plated brass LCP LCP see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog 80 g			
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Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog 80 g	Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog			
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LCP LCP LCP LCP LCP See page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog 80 g	LCP LCP LCP LCP See page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog 80 g	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
80 g	80 g			LCP
		see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	
IL a EF-	gcc gcc	25~	EE-	

3 wires PNP or NPN



M12 3 pole



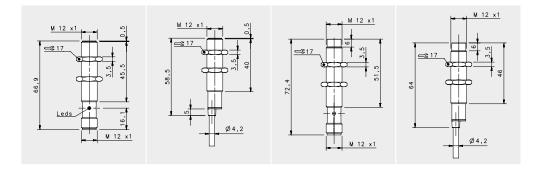
Available		Contacts	numbers	10 m - 10
	1	2	3	4
(NO or NC)	+		1000	NO/NC

M8 3 pole



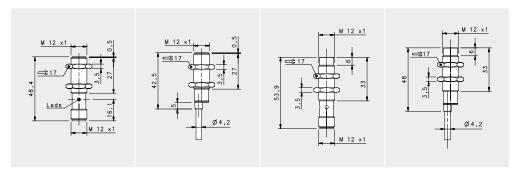
CONT	ACTS CON	FIGURAT	ION	
27.222.0	Contacts numbers			
Available	1 HOWN	3 HALE	HACK	
NPN/PNP	+	-	NO/NC	



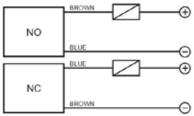


					STAN	DARD		
				FLUS	н	NON FLUSH		
			_	M12 conn	cable	M12 conn	cable	
IOMINAL SWITCH	ING DISTAN	CE		2 mm	2 mm	4 mm	4 mm	
10-30 Vdc	PNP/NPN	(IS-12-A0-S2	IS-12-A0-03	IS-12-C0-S2	IS-12-C0-03	
10-30 Vac	NO-NC	4 wires	order No.	95B064060	95B064030	95B064080	95B064040	
10.2014-	PNP	2		IS-12-A1-S2	IS-12-A1-03	IS-12-C1-S2	IS-12-C1-03	
10-30 Vdc	NO	3 wires	order No.	95B061251	95B061241	95B061651	95B061641	
40.2014-	PNP	2		IS-12-A2-S2	IS-12-A2-03	IS-12-C2-S2	IS-12-C2-03	
10-30 Vdc	NC	3 wires	order No.	95B061281	95B061271	95B061681	95B061671	
40.2014-	NPN	2		IS-12-A3-S2	IS-12-A3-03	IS-12-C3-S2	IS-12-C3-03	
10-30 Vdc	NO	3 wires	order No.	95B061191	95B061181	95B061591	95B061581	
	NPN NC 3	3 wires		IS-12-A4-S2	IS-12-A4-03	IS-12-C4-S2	IS-12-C4-03	
10-30 Vdc			order No.	95B061221	95B061211	95B061621	95B061611	
10.0014	PNP							
10-30 Vdc	NO-NC	4 wires	order No.					
	NPN							
10-30 Vdc	NO-NC	4 wires	order No.					
	NO. NC	. .		IS-12-A9-S2	IS-12-A9-03	IS-12-C9-S2	IS-12-C9-03	
10-30 Vdc	NO-NC	2 wires	order No.	95B063931	95B064100	95B064140	95B064110	
		- ·						
20-250 Vac/Vdc	NO	2 wires	order No.					
	NC	2						
20-250 Vac/Vdc	NC	2 wires	order No.					
20-250 Vac	NO	2/3wires						
20-250 Vac	NU	2/3 WIRES	order No.					
10-30 Vdc	Analog	Zwiroc						
10-50 VUC	0-20 mA	3 wires	order No.					
		2						
NAMUR amplifier	NAMUR	2 wires	order No.					

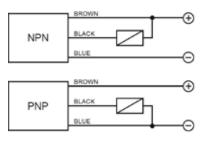
Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	200mA; 100 mA (2wires)			
Min. Output Current	> 1,6 mA (2wires)			
Residual Current	< 10mA; < 1,6 mA (2wires)			
Voltage Drop	< 1,8V; < 6,5 V (2wires)			
Operation Led	Yellow	Yellow	Yellow	Yellow
Switching Frequency	1000 Hz/200 Hz (2 wires NO-NC)			
Start Up Delay	< 50 ms	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads			
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67	IP67
Cable Length		2 m		2 m
Cable Section		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output		110 g		110 g
Weight - Connector Output	60 g		60 g	



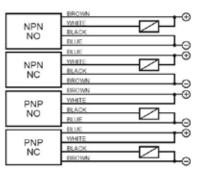
2 wires NO or NC



3 wires PNP or NPN



4 wires (PNP/NPN, NO/NC)



M12 connector - connections



2 wires NO or NC

*	Contacts numbers				
Available	1	2	3	4	
NO	+				
NC	<u></u>				

3 wires

California (Contacts numbers			
Available	1	2	3	4
NO or NC)	+		-	NOINC

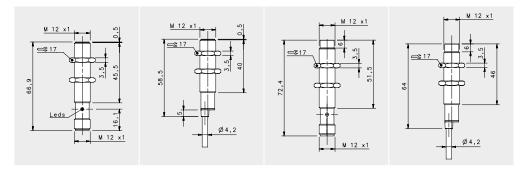
4 wires (PNP/NPN, NO/NC)

Output	Contacts numbers				
Output	- 1	2	-3	4	
NPN NO	+	NO	-	-	
NPN NC	-	NC	+	-	
PNP NO	+	+		NO	
PNP NC	-	+	+	NC	

FLUSH NON FLUSH M12 conn cable M12conn cable 2 mm 2 mm 4 mm 4 mm 5-12-152 15-12-10-3 15-12-01-32 15-12-01-33 980052051 980052041 980052041 980052041 980052041 15-12-28-25 15-12-28-33 15-12-28-23 15-12-28-23 15-12-28-23 980052051 980052051 980052051 980052051 980052051 15-12-28-52 15-12-28-03 15-12-28-03 15-12-28-03 15-12-28-03 15-12-28-52 15-12-28-03 15-12-28-03 15-12-28-03 15-12-28-03 15-12-28-03 980052011 980052011 980052011 980052011 15-12-28-03 9505-122-128-03 15-12-28-03 15-12-28-03 15-12-28-03 15-12-28-03 9505-122-15 980052011 980052011 980052011 15-12-28-03 15-12-28-03 15-12-28-03 15-12-28-03 15-12-28-03 15-12-28-03 15-12-28-03				
M12 conn cable M12 conn cable 2 mm 2 mm 4 mm 4 mm 15 15 -12-81-52 15-12-81-03 15-12-01-52 15-12-01-03 950062061 950062061 950062071 950062081 950062071 950062081 950062071 950062081 950062071 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062011 950062011 95006201 95006201 95006201 95006201 1 1 1 1 1		SH	ORT	
2 mm 2 mm 4 mm 4 mm 1 1 1 1 1 15 12-21-52 15-12-21-52 15-12-21-52 15-12-20-33 950062051 950062041 950062041 950062041 950062041 15-12-82-52 15-12-20-33 15-12-20-52 15-12-20-33 950062081 950062071 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 950062081 10-1 1-1 1-1 1-1 1-1 10-1 1-1 1-1 1-1 1-1 11 1-1 1-1 1-1 1-1 11 1-1 1-1 1-1 1-1 11 1-1 1-1 1-1 1-1	FLU	JSH	NON F	LUSH
1 1 1 1 15-12-18-152 15-12-18-03 15-12-10-52 15-12-02-03 958052051 959052051 958052051 958052051 958052051 15-12-12-252 15-12-12-20 15-12-02-03 15-12-02-52 15-12-03-03 958052051 958052051 958052031 958052031 958052031 958052031 958052021 958052011 958052031 958052031 958052031 958052031 958052021 958052011 958052021 958052031 958052031 958052031 958052021 958052011 958052021 958052031 958052031 958052031 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M12 conn	cable	M12conn	cable
···· ···· ···· ···· IS-12-B1-52 IS-12-B1-03 IS-12-D1-52 IS-12-D1-03 958052b1 958052b1 958052b1 958052b1 958052b1 95805201 95805201 958052b1 958052b1 958052b1 95805201 958052b1 958052b1 958052b1 958052b1 95805221 958052b1 958052b1 958052b1 958052b1 958052021 958052b1 958052b1 958052b1 958052b1 958052021 958052b1 958052b21 958052b21 958052b21	2 mm	2 mm	4 mm	4 mm
IS-12-B1-52 IS-12-B1-63 IS-12-D1-52 IS-12-D1-03 990062051 990062051 990062051 990062071 990062051 990062071 IS-12-B2-52 IS-12-B2-03 IS-12-D2-52 IS-12-D3-03 990062271 IS-12-B3-52 IS-12-B3-03 IS-12-D3-52 IS-12-D3-03 990062291 990062291 IS-12-B4-52 IS-12-B4-03 IS-12-D4-52 IS-12-D4-03 990062211 IS-12-B4-52 IS-12-B4-03 IS-12-D4-52 IS-12-D4-03 990062011 990062211 990062211 990062211 IS-12-B4-52 IS-12-D4-03 IS-12-D4-52 IS-12-D4-03 99006201 990062211 990062211 990062211 990062211 IS-12-B4-52 IS-12-D4-03 IS-12-D4-03 990062211 990062211 IS-12-B4-52 IS-12-D4-03 IS-12-D4-03 990062211 990062211 IS-12-B4-52 IS-12-D4-03 IS-12-D4-03 IS-12-D4-03 IS-12-D4-03 IS-12-B4-52 IS-12-D4-03 IS-12-D4-03 IS-12-D4-03 IS-12-D4-03				
958062051 958062041 958062451 958062411 IS-12-82-52 IS-12-82-03 IS-12-02-32 IS-12-02-03 958062061 958062071 95806241 95806231 95806231 IS-12-83-52 IS-12-84-03 IS-12-03-52 IS-12-03-03 958062021 958062011 95806231 95806231 958062021 958062011 958062421 95806241 958062021 958062011 958062421 95806241 958062021 958062021 95806241 95806241				
IS-12-B2-52 IS-12-B2-03 IS-12-D2-52 IS-12-D2-03 950062061 950062071 950062481 950062471 IS-12-B3-52 IS-12-D3-53 IS-12-D3-52 IS-12-D3-33 950062061 950062071 950062281 IS50062281 IS-12-B4-52 IS-12-B4-03 IS-12-D4-03 IS-12-D4-03 950062021 95006201 95006241 95006241	IS-12-B1-S2	IS-12-B1-03	IS-12-D1-S2	IS-12-D1-03
958062081 958062071 958062431 958062471 15-12-83-52 15-12-83-03 15-12-03-52 15-12-03-03 958062021 958062011 95806221 958062011 958062021 958062011 958062411 958062411	95B062051	95B062041	95B062451	95B062441
IS-12-B3-52 IS-12-B3-03 IS-12-D3-52 IS-12-D3-03 950061991 950062391 950062391 950062321 IS-12-B4-52 IS-12-D4-52 IS-12-D4-52 IS-12-D4-32 950062021 950062011 950062411 950062411 -	IS-12-B2-S2	IS-12-B2-03	IS-12-D2-S2	IS-12-D2-03
958061991 958061991 958062391 958062391 958062391 958062391 958062391 958062021 958062011 958062421 958062421 958062411	95B062081	95B062071	95B062481	95B062471
IS-12-84-52 IS-12-84-03 IS-12-D4-52 IS-12-06-03 958062021 958062011 958062421 958062411	IS-12-B3-S2	IS-12-B3-03		IS-12-D3-03
95B062021 95B062011 95B062421 95B062411				
Image: Second	IS-12-B4-S2	IS-12-B4-03	IS-12-D4-S2	IS-12-D4-03
	95B062021	95B062011	95B062421	95B062411
<10 mA				
10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) <10%				
<10%				
10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) <10%				
10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) <10%				
10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) <10%				
10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10% <10%				
10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) <10%				
10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) < 10%				
10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) < 10%				
< 10%< 10%< 10%< 10%< 10%				
$< 10\%$ $< 10\%$ $< 10\%$ $< 10\%$ $< 10\%$ $< 10\%$ $< 10\%$ $< 10\%$ $< 10\%$ $< 10\%$ $200 mA$ $$ $$ $$ $$ $$ $< 10 mA$ $< 18 V (l=100mA)$ $< 18 V (l=100mA)$ $< 18 V (l=100mA)$ $< 18 V (l=100mA)$ YellowYellowYellowYellowYellow1000 Hz1000 Hz1000 Hz1000 Hz1000 Hz $< 50 ms$ $< 50 ms$ $< 50 ms$ $< 50 ms$ $< 3\%$ $< 3\%$ $< 3\%$ $< 3\%$ Present (self-resetting)Present (self-resetting)Present (self-resetting)Against polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loads $(-25 +60 °C)$ $(-25 +70 °C)$ $(-25 +60 °C)$ $(-25 +70 °C)$ $1P67$ $1P67$ $1P67$ $1P67$ $1P67$ $1P67$ $1P67$ $3 \times 0,14 mm^2$ Nickel-plated brassNickel-plated brassNickel-plated brassNickel-plated brass LCP LCP LCP LCP LCP * see page 5 of the Inductive Sensors Catalog*see page 5 of the Inductive Sensors Catalog*see page 5 of the Inductive Sensors Catalog*see page 5 of the Inductive Sensors Catalog $$ 110 g $$ 110 g $$	10-30 V/dc (-15/10%)	10-30 V/dc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10% < 10% < 10% < 10% 200 mA 200 mA 200 mA 200 mA < 10 mA				
200 mA 200 mA 200 mA 200 mA < 10 mA				
< 10 mA				
< 1,8 V (I=100mA)< 1,8 V (I=100mA)< 1,8 V (I=100mA)< 1,8 V (I=100mA)YellowYellowYellowYellowYellow1000 Hz1000 Hz1000 Hz1000 Hz1000 Hz< 50 ms				
< 1,8 V (I=100mA)< 1,8 V (I=100mA)< 1,8 V (I=100mA)< 1,8 V (I=100mA)YellowYellowYellowYellowYellow1000 Hz1000 Hz1000 Hz1000 Hz1000 Hz< 50 ms	< 10 mA	< 10 mA	< 10 mA	< 10 mA
YellowYellowYellowYellow1000 Hz1000 Hz1000 Hz1000 Hz1000 Hz1000 Hz1000 Hz1000 Hz<50 ms				
< 50 ms< 50 ms< 50 ms< 50 ms< 3%				
< 3%< 3%< 3%< 3%Present (self-resetting)Present (self-resetting)Present (self-resetting)Present (self-resetting)Against polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loads(-25 +60 °C)(-25 +70 °C)(-25 +60 °C)(-25 +70 °C)IP67IP67IP67IP67IP672 m2 m2 m2 m3 x 0,14 mm²Nickel-plated brassNickel-plated brassNickel-plated brassNickel-plated brassLCPLCPLCPLCPLCP* see page 5 of the Inductive Sensors Catalog* see page 5 of the	1000 Hz	1000 Hz	1000 Hz	1000 Hz
Present (self-resetting)Present (self-resetting)Present (self-resetting)Present (self-resetting)Against polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loads(-25 +60 °C)(-25 +70 °C)(-25 +60 °C)(-25 +70 °C)IP67IP67IP67IP67IP672 m2 m3 x 0,14 mm²3 x 0,14 mm²Nickel-plated brassNickel-plated brassNickel-plated brassNickel-plated brassLCPLCPLCPLCP* see page 5 of the Inductive Sensors Catalog* see page 5 of the Inductive Sensors Catalog	< 50 ms	< 50 ms	< 50 ms	< 50 ms
Against polarity reversal inductive loads Against polarity reversal inductive loads Against polarity reversal inductive loads Against polarity reversal inductive loads (-25+60°C) (-25+70°C) (-25+60°C) (-25+70°C) IP67 IP67 IP67 IP67 2 m 3 x 0,14 mm² 3 x 0,14 mm² Nickel-plated brass Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP LCP * see page 5 of the Inductive Sensors Catalog	< 3%	< 3%	< 3%	< 3%
inductive loads inductive loads inductive loads inductive loads (-25 +60 °C) (-25 +70 °C) (-25 +70 °C) (-25 +70 °C) IP67 IP67 IP67 IP67 IP67 2 m 2 m Mickel-plated brass Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP LCP * see page 5 of the Inductive Sensors Catalog * 110 g	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
inductive loads inductive loads inductive loads inductive loads (-25 +60 °C) (-25 +70 °C) (-25 +70 °C) (-25 +70 °C) IP67 IP67 IP67 IP67 IP67 2 m 2 m Mickel-plated brass Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP LCP * see page 5 of the Inductive Sensors Catalog * 110 g	Against polarity reversal	Against polarity reversal	Against polarity reversal	Against polarity reversal
IP67 IP67 IP67 IP67 2 m 2 m 2 m 3 x 0,14 mm² 2 m Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP * see page 5 of the Inductive Sensors Catalog	inductive loads			
2 m 2 m 3 x 0,14 mm² 3 x 0,14 mm² Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP * see page 5 of the Inductive Sensors Catalog	(-25 +60 °C)	(-25 +70 °C)	(-25 +60 °C)	(-25 +70 °C)
3 x 0,14 mm² 3 x 0,14 mm² Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP * see page 5 of the Inductive Sensors Catalog 110 g 110 g	IP67	IP67	IP67	IP67
Nickel-plated brass Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP LCP * see page 5 of the Inductive Sensors Catalog 110 g 110 g		2 m		2 m
LCP LCP LCP LCP * see page 5 of the Inductive Sensors Catalog 110 g 110 g		3 x 0,14 mm²		3 x 0,14 mm²
LCP LCP LCP LCP * see page 5 of the Inductive Sensors Catalog 110 g 110 g	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Sensors Catalog Sensors Catalog Sensors Catalog Sensors Catalog 110 g 110 g		LCP		LCP
110 g 110 g				
	-		U	-
60 g 60 g				-
	ьо в		6U g	

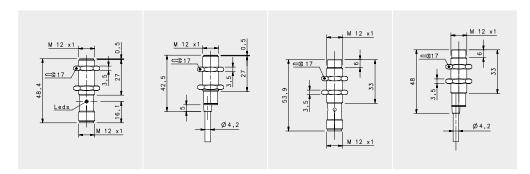






					STAND	ARD X2			
				FLUSH		NON	FLUSH		
				M12 conn	cable	M12 conn	cable		
NOMINAL SWITCH	IING DISTAN	CE		4 r	nm	8 r	8 mm		
10-30 Vdc	PNP/NPN	4 wires		IS-12-E0-S2	IS-12-E0-03	IS-12-F0-S2	IS-12-F0-03		
10-30 Vac	NO-NC	4 WILES	order No.	95B067230	95B067190	95B067250	95B067210		
10-30 Vdc	PNP	3 wires		IS-12-E1-S2	IS-12-E1-03	IS-12-F1-S2	IS-12-F1-03		
	NO	JWIES	order No.	95B067030	95B067670	95B067020	95B067740		
10-30 Vdc	PNP	3 wires		IS-12-E2-S2	IS-12-E2-03	IS-12-F2-S2	IS-12-F2-03		
10-30 Vuc	NC	5 WIES	order No.	95B067640	95B067680	95B067710	95B067750		
10-30 Vdc	NPN	3 wires		IS-12-E3-S2	IS-12-E3-03	IS-12-F3-S2	IS-12-F3-03		
10-50 Vuc	NO	5 WIES	order No.	95B067650	95B067690	95B067720	95B067760		
10-30 Vdc	NPN	Zwiroc		IS-12-E4-S2	IS-12-E4-03	IS-12-F4-S2	IS-12-F4-03		
10-30 Vac	NC	3 wires	order No.	95B067660	95B067700	95B067730	95B067770		
10. 20.1/4-	PNP	1. wiros							
10-30 Vdc	NO-NC	4 wires	order No.						
40.2014-	NPN	1							
10-30 Vdc	NO-NC	4 wires	order No.						
40.001/1	NO-NC 2 wires	<u> </u>		IS-12-E9-S2	IS-12-E9-03	IS-12-F9-S2	IS-12-F9-03		
10-30 Vdc		order No.	95B067240	95B067200	95B067260	95B067220			
		2 wires	NO 2 wires						
20-250 Vac/Vdc	NO			2 wires	order No.				
20-250 Vac/Vdc	NC	2 wires	order No.						
20-250 Vac	NO	2/3 wires	order No.						
	Analog								
10-30 Vdc	0-20 mA	3 wires	order No.						
NAMUR amplifier	NAMUR	2 wires	order No.						
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)		
Residual Ripple				< 10%	< 10%	< 10%	< 10%		
Hysteresis				< 10%	< 10%	< 10%	< 10%		
Max. Output Currei	nt			100 mA	100 mA	100 mA	100 mA		
Min. Output Curre									
Residual Current				< 10 mA	< 10 mA	< 10 mA	< 10 mA		
Voltage Drop				< 1,2 V (I=100mA)					
Operation Led				Yellow	Yellow	Yellow	Yellow		
Switching Frequer	ירא			500 Hz/200 Hz (2 wires NO-NC)	500 Hz/200 Hz (2 wires NO-NC)	400 Hz/200 Hz (2 wires NO-NC)	400 Hz/200 Hz (2 wires NO-NC)		
Start Up Delay				< 75 ms	< 75 ms	< 75 ms	< 75 ms		
Repeatability				< 3%	< 3%	< 3%	< 3%		

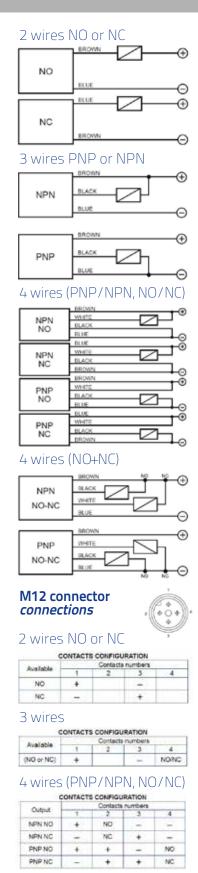
Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	100 mA	100 mA	100 mA	100 mA
Min. Output Current				
Residual Current	< 10 mA	< 10 mA	< 10 mA	< 10 mA
Voltage Drop	< 1,2 V (I=100mA)			
Operation Led	Yellow	Yellow	Yellow	Yellow
Switching Frequency	500 Hz/200 Hz (2 wires NO-NC)	500 Hz/200 Hz (2 wires NO-NC)	400 Hz/200 Hz (2 wires NO-NC)	400 Hz/200 Hz (2 wires NO-NC
Start Up Delay	< 75 ms	< 75 ms	< 75 ms	< 75 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads			
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67	IP67
Cable Length				
Cable Section		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output				
Weight - Connector Output	60 g	60 g	60 g	60 g



	SHO	RT X2			
FLI	JSH	NON F	N FLUSH		
M12 con	cable	M12 conn	cable		
4 mm	4 mm	8 mm	8 mm		
IS-12-G1-S2	IS-12-G1-03	IS-12-H1-S2	IS-12-H1-03		
95B063371	95B063361	95B063451	95B063441		
IS-12-G2-S2	IS-12-G2-03	IS-12-H2-S2	IS-12-H2-03		
95B063391	95B063381	95B063471	95B063461		
IS-12-G3-S2	IS-12-G3-03	IS-12-H3-S2	IS-12-H3-03		
95B063331	95B063321	95B063411	95B063401		
IS-12-G4-S2	IS-12-G4-03	IS-12-H4-S2	IS-12-H4-03		
95B063351	95B063341	95B063431	95B063421		
IS-12-G5-S2	IS-12-G5-03	IS-12-H5-S2	IS-12-H5-03		
95B062691	95B062681	95B062771	95B062761		
IS-12-G6-S2	IS-12-G6-03	IS-12-H6-S2	IS-12-H6-03		
95B062671	95B062661	95B062751	95B062741		
			10 2014-1 15 (10%)		
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)		
< 10%	< 10%	< 10%	< 10%		
< 10%	< 10%	< 10%	< 10%		
200 mA	200 mA	200 mA	200 mA		
> 1,6 mA (2wires ver.)					
< 10 mA	< 10 mA	< 10 mA	< 10 mA		
< 1,2 V (I=100mA)					
Yellow	Yellow	Yellow	Yellow		
00 Hz/200 Hz (4 wires NO-NC)	500 Hz/200 Hz (4 wires NO-NC)	500 Hz/200 Hz (4 wires NO-NC)	500 Hz/200 Hz (4 wires NO-NO		
< 75 ms	< 75 ms	< 75 ms	< 75 ms		
< 3%	< 3%	< 3%	< 3%		
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)		
Against polarity reversal inductive loads					
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)		
IP67	IP67	IP67	IP67		
	2 m		2 m		
	3 x 0,14 mm² 4 x 0,25 mm²		3 x 0,14 mm² 4 x 0,25 mm²		
Ministrates 11		Mislari alst 11			
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass		
LCP * see page 5 of the Inductive Sensors Catalog	LCP * see page 5 of the Inductive Sensors Catalog	LCP * see page 5 of the Inductive Sensors Catalog	LCP * see page 5 of the Inductive Sensors Catalog		
	110 g		110 g		
60 g		60 g	-		

60 g

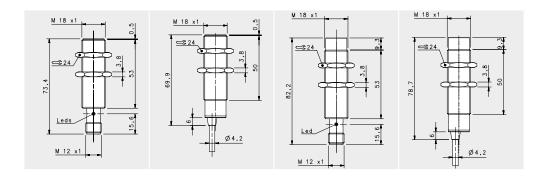
60 g





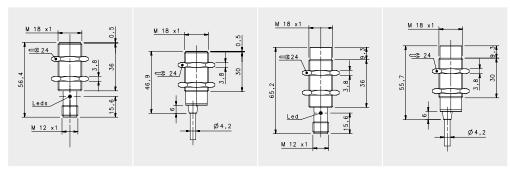
Australia		Contacts		
Available	. 1	2	3	4
(NO + NC)	+	NC		NO



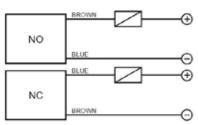


				STANDARD				
				FLUSH NON FLUS		USH		
			_	M12 conn	cable	M12 conn	cable	
IOMINAL SWITCH	ING DISTANO	Œ		5 mm 5 mm 8 mm			8 mm	
10-30 Vdc	PNP/NPN	4 wires		IS-18-A0-S2	IS-18-A0-03	IS-18-C0-S2	IS-18-C0-03	
10-30 Vuc	NO-NC 4 WITES	4 WILES	order No.	95B064260	95B064230	95B064280	95B064240	
10-30 Vdc	PNP	2		IS-18-A1-S2	IS-18-A1-03	IS-18-C1-S2	IS-18-C1-03	
10-30 Vac	NO	3 wires	order No.	95B061351	95B061341	95B061751	95B061741	
10.201/4-	PNP	2		IS-18-A2-S2	IS-18-A2-03	IS-18-C2-S2	IS-18-C2-03	
10-30 Vdc	NC	3 wires	order No.	95B061371	95B061361	95B061771	95B061761	
10.001/1	NPN .	3 wires		IS-18-A3-S2	IS-18-A3-03	IS-18-C3-S2	IS-18-C3-03	
10-30 Vdc	NO		3 wires	order No.	95B061311	95B061301	95B061711	95B061701
	NPN	3 wires		IS-18-A4-S2	IS-18-A4-03	IS-18-C4-S2	IS-18-C4-03	
10-30 Vdc	NC		order No.	95B061331	95B061321	95B061731	95B061721	
10 20 1/4-	PNP		1					
10-30 Vdc	NO-NC	4 wires	order No.					
	NPN	NPN , .						
10-30 Vdc	NO-NC	4 wires	order No.					
		- ·		IS-18-A9-S2	S-18-A9-03	IS-18-C9-S2	IS-18-C9-03	
10-30 Vdc	NO-NC	2 wires	order No.	95B063941	95B064300	95B064340	95B064310	
20-250 Vac/Vdc	NO	2 wires	order No.					
20-250 Vac/Vdc	NC	2 wires	order No.					
20-250 Vac	NO	2/3 wires	order No.					
	Analog							
10-30 Vdc	0-20 mA	3 wires	order No.					
NAMUR amplifier	NAMUR	2 wires	order No.					

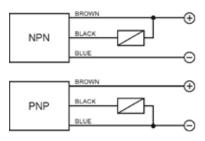
Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	200 mA	200 mA	200 mA	200 mA
Min. Output Current	> 1,6 mA (2wires ver.)			
Residual Current	< 10 mA	< 10 mA	< 10 mA	< 10 mA
Voltage Drop	< 1,8V; < 6,5 V (2wires ver.)			
Operation Led	Yellow	Yellow	Yellow	Yellow
Switching Frequency	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NO
Start Up Delay	< 50 ms	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads			
Temperature Limit	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
Protection Degree	IP67	IP67	IP67	IP67
Cable Length		2 m		2 m
Cable Section		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output		145g		145g
Weight - Connector Output	95g		95g	



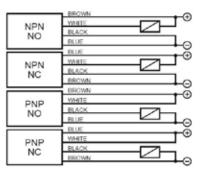
2	wires	NO	or	NC



3 wires PNP or NPN



4 wires (PNP/NPN, NO/NC)



M12 connector - connections



2 wires NO or NC

*	Contacts numbers				
Available	1	2	3	4	
NO	+				
NC			+		

3 wires

Available	Contacts numbers				
	1	2	3	4	
(NO or NC)	+		-	NO/NO	

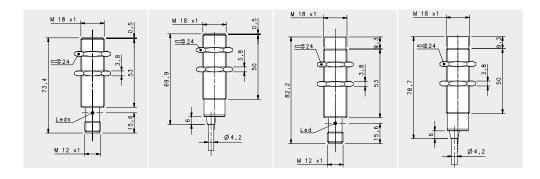
4 wires (PNP/NPN, NO/NC)

Output	Contacts numbers				
Output	1	2	-3	4	
NPN NO	+	NO	-	-	
NPN NC	-	NC	+	-	
PNP NO	+	+	-	NO	
PNP NC	-	+	+	NC	

	CU	ORT	
FLU	JSH	NON F	LUSH
M12 conn	cable	M12 conn	cable
5 mm	5 mm	8 mm	8 mm
IS-18-B1-S2	IS-18-B1-03	IS-18-D1-S2	IS-18-D1-03
95B062151	95B062141	95B062551	95B062541
IS-18-B2-S2	IS-18-B2-03	IS-18-D2-S2	IS-18-D2-03
95B062171	95B062161	95B062571	95B062561
IS-18-B3-S2	IS-18-B3-03	IS-18-D3-S2	IS-18-D3-03
95B062111	95B062101	95B062511	95B062501
IS-18-B4-S2	IS-18-B4-03	IS-18-D4-S2	IS-18-D4-03
95B062131	95B062121	95B062531	95B062521
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%	< 10%
< 10%	< 10%	< 10%	< 10%
200 mA	200 mA	200 mA	200 mA
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,8 V (I=100mA)			
Yellow	Yellow	Yellow	Yellow
1000 Hz	1000 Hz	1000 Hz	1000 Hz
< 50 ms	< 50 ms	< 50 ms	< 50 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal	Against polarity reversal	Against polarity reversal	Against polarity reversal
inductive loads	inductive loads	inductive loads	inductive loads
(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
IP67	IP67	IP67	IP67
	2 m		2 m
	3 x 0,14 mm²		3 x 0,14 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP	LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
	145g		145g
95g		95g	

ODATALOGIC 25

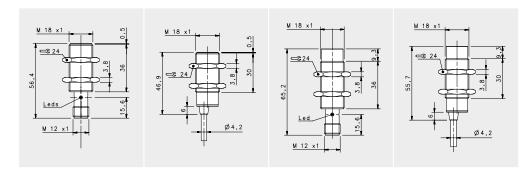




STANDARD X2

FLUSH NON FLUSH M12 conn cable M12 conn cable NOMINAL SWITCHING DISTANCE 8 mm 14 mm IS-18-E0-03 PNP/NPN IS-18-E0-S2 IS-18-F0-S2 IS-18-F0-03 10-30 Vdc 4 wires NO-NC order No. 95B067310 95B067270 95B067330 95B067290 PNP IS-18-E1-S2 IS-18-E1-03 IS-18-F1-S2 IS-18-F1-03 10-30 Vdc 3 wires NO order No. 95B067050 95B067810 95B067040 95B067880 PNP IS-18-E2-S2 IS-18-E2-03 IS-18-F2-S2 IS-18-F2-03 10-30 Vdc 3 wires NC 95B067820 95B067890 95B067780 95B067850 order No. IS-18-E3-S2 IS-18-E3-03 IS-18-F3-S2 IS-18-F3-03 NPN 10-30 Vdc 3 wires NO order No. 95B067790 95B067830 95B067860 95B067900 NPN IS-18-E4-S2 IS-18-E4-03 IS-18-F4-S2 IS-18-F4-03 10-30 Vdc 3 wires NC 95B067840 order No. 95B067800 95B067870 95B067910 PNP ------------10-30 Vdc 4 wires NO-NC order No. ------------NPN ------------10-30 Vdc 4 wires NO-NC --------------order No. IS-18-E9-S2 IS-18-E9-03 IS-18-F9-S2 IS-18-F9-03 10-30 Vdc NO-NC 2 wires order No. 95B067320 95B067280 95B067340 95B067300 -------------20-250 Vac/Vdc NO 2 wires ------order No. --------------------20-250 Vac/Vdc NC 2 wires order No. ---------------------------20-250 Vac NO 2/3 wires order No. ---------------Analog 0-20 mA -------------10-30 Vdc 3 wires ----------order No. -----------------NAMUR NAMUR amplifier 2 wires order No. ------

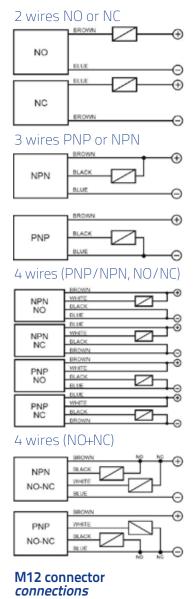
Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	200 mA	200 mA	200 mA	200 mA
Min. Output Current				
Residual Current	< 10 mA	< 10 mA	< 10 mA	< 10 mA
Voltage Drop	< 1,2 V (I=100mA)			
Operation Led	Yellow	Yellow	Yellow	Yellow
Switching Frequency	400 Hz	400 Hz	100 Hz	100 Hz
Start Up Delay	< 50 ms	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads			
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67	IP67
Cable Length				
Cable Section		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output			145g	145g
Weight - Connector Output	95g	95g		



	SHO	RT X2	
FLI	JSH	NON F	FLUSH
M12 conn	cable	M12 conn	cable
8 mm	8 mm	14 mm	14 mm
IS-18-G1-S2	IS-18-G1-03	IS-18-H1-S2	IS-18-H1-03
95B063531	95B063521	95B063611	95B063601
IS-18-G2-S2	IS-18-G2-03	IS-18-H2-S2	IS-18-H2-03
95B063551	95B063541	95B063631	95B063621
IS-18-G3-S2	IS-18-G3-03	IS-18-H3-S2	IS-18-H3-03
95B063491	95B063061	95B063571	95B063561
IS-18-G4-S2	IS-18-G4-03	IS-18-H4-S2	IS-18-H4-03
95B063511	95B063501	95B063591	95B063581
IS-18-G5-S2	IS-18-G5-03	IS-18-H5-S2	IS-18-H5-03
95B062731	95B062721	95B062811	95B064220
IS-18-G6-S2	IS-18-G6-03	IS-18-H6-S2	IS-18-H6-03
95B062711	95B064200	95B062791	95B064210
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%	< 10%
< 10%	< 10%	< 10%	< 10%
200 mA	200 mA	200 mA	200 mA
> 1,6 mA (2wires ver.)			
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)			
Yellow	Yellow	Yellow	Yellow
400 Hz/100 Hz (4 wires NO-NC)			
< 75 ms	< 75 ms	< 75 ms	< 75 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads			
(-25 +60 °C)	(-25 +70 °C)	(-25 +60 °C)	(-25 +70 °C)
IP67	IP67	IP67	(-23 +70 °C) IP67
	2 m		2 m
	3 x 0,14 mm² 4 x 0,25 mm²		3 x 0,14 mm² 4 x 0,25 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP	LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
	145g		145g

95g

95g



2 wires NO or NC

and a second second		Contacts numbers			
AVAILABOR	1	2	3	- 4	
NO	+		-		
NC.	-		+		

3 wires

c	ONTACTS	CONFIGU	RATION	
Available		Contacts	numbers	
Available.	1	2	3	4
(NO or NC)	+		-	NOINC

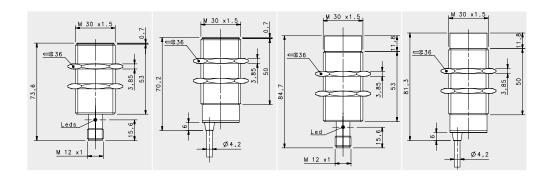
4 wires (PNP/NPN, NO/NC)

0.0.4	Contacts numbers				
Output	1	2		4	
NPN NO	+	ND	-	-	
NPN NC	-	NC	+	-	
PNP NO	+	+	-	NO	
PNP NC		+	+	NO	

4 wires (NO+NC)

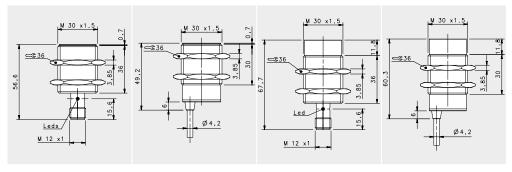
A REAL PROPERTY OF	Contacta numbera				
AVENACIE	1.4	2	3	- 4	
(NO + NC)	+	NC.	-8	NO	





				STANDARD				
				FLU	ISH	NON	LUSH	
				M12 conn	cable	M12 conn	cable	
NOMINAL SWITCHING DISTANCE		10 mm 10 mm		15 mm 15 mm				
10-30 Vdc	PNP/NPN NO-NC	4 wires	and an Na	IS-30-A0-S2	IS-30-A0-03	IS-30-C0-S2	IS-30-C0-03	
			order No.	95B064490 IS-30-A1-S2	95B064460 IS-30-A1-03	95B064510 IS-30-C1-S2	95B064470 IS-30-C1-03	
10-30 Vdc	PNP NO	3 wires	order No.	95B061431	95B061421	95B061831	95B061821	
	PNP			IS-30-A2-S2	IS-30-A2-03	IS-30-C2-S2	IS-30-C2-03	
10-30 Vdc	NC	3 wires	order No.	95B061451	95B061441	95B061851	95B061841	
10-30 Vdc	NPN	3 wires		IS-30-A3-S2	IS-30-A3-03	IS-30-C3-S2	IS-30-C3-03	
10-30 Vuc	NO	3 wires	order No.	95B061391	95B061381	95B061791	95B061781	
10-30 Vdc	NPN NC	3 wires	order No.	IS-30-A4-S2 95B061411	IS-30-A4-03 95B061401	IS-30-C4-S2 95B061811	IS-30-C4-03 95B061801	
	PNP							
10-30 Vdc	NO-NC	4 wires	order No.					
10-30 Vdc	NPN	4 wires						
	NO-NC		order No.					
10-30 Vdc	NO-NC	2 wires		IS-30-A9-S2	IS-30-A9-03	IS-30-C9-S2	IS-30-C9-03	
			order No.	95B064570	95B064530	95B064590	95B064550	
20-250 Vac/Vdc	NO	2 wires	audau Na					
			order No.					
20-250 Vac/Vdc	NC	2 wires	order No.					
			order No.					
20-250 Vac	NO	2/3 wires	order No.					
10-30 Vdc	Analog	3 wires						
	0-20 mA	2 WIIC3	order No.					
NAMUR amplifier	NAMUR	2 wires						
ampiner		2	order No.					

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)
Min. Output Current	> 1,6 mA (2wires)	> 1,6 mA (2wires)	> 1,6 mA (2wires)	> 1,6 mA (2wires)
Residual Current	< 1,6 mA	< 1,6 mA	< 1,6 mA	< 1,6 mA
/oltage Drop	< 1,8V; < 6,5 V (2wires)	< 1,8V; < 6,5 V (2wires)	< 1,8V; < 6,5 V (2wires)	< 1,8V; < 6,5 V (2wires)
Operation Led	Yellow	Yellow	Yellow	Yellow
witching Frequency	300 Hz/250 Hz (2 wires NO-NC)	300 Hz/250 Hz (2 wires NO-NC)	300 Hz/250 Hz (2 wires NO-NC)	300 Hz/250 Hz (2 wires NO-I
itart Up Delay	< 50 ms	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
hort Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
emperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67	IP67
able Length		2 m		2 m
Table Section		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²
lousing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP	LCP
ightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductiv Sensors Catalog
Neight - Cable Output		210 g		210 g
Weight - Connector Output	170 g		170 g	

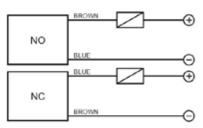


		ORT	
FLU	JSH	NON F	LUSH
M12 conn	cable	M12 conn	cable
10 mm	10 mm	15 mm	15 mm
IS-30-B1-S2	IS-30-B1-03	IS-30-D1-S2	IS-30-D1-03
95B062231	95B062221	95B062631	95B062621
IS-30-B2-S2	IS-30-B2-03	IS-30-D2-S2	IS-30-D2-03
95B062251	95B062241	95B062651	95B062641
IS-30-B3-S2	IS-30-B3-03	IS-30-D3-S2	IS-30-D3-03
95B062191	95B062181	95B062591	95B062581
IS-30-B4-S2	IS-30-B4-03	IS-30-D4-S2	IS-30-D4-03
95B062211	95B062201	95B062611	95B062601
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%	< 10%
< 10%	< 10%	< 10%	< 10%
200 mA	200 mA	200 mA	200 mA
200 MA	200 MA		200 MA
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,8 V (I=100mA)	< 1,8 V (I=100mA)	< 1,8 V (I=100mA)	< 1,8 V (I=100mA)
Yellow	Yellow	Yellow	Yellow
300 Hz	300 Hz	300 Hz	300 Hz
< 50 ms	< 50 ms	< 50 ms	< 50 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
IP67	IP67	IP67	IP67
	2 m		2 m
	3 x 0,14 mm²		3 x 0,14 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP	LCP
* see page 5 of the Inductive Sensors Catalog 	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
	210 g		210 g

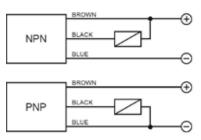
170 g

170 g

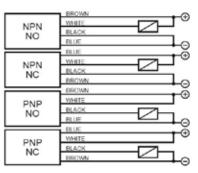
2 wires NO or NC



3 wires PNP or NPN



4 wires (PNP/NPN, NO/NC)



M12 connector - connections



2 wires NO or NC

A	Contacts numbers				
Available	1	2	3	4	
NO	+				
NC			+		

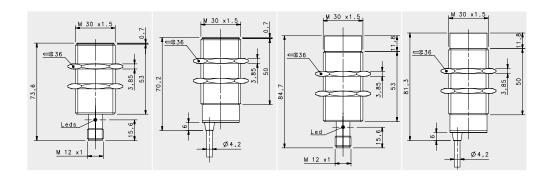
3 wires

California (Contacts	numbers	
Available	1	2	3	4
(NO or NC)	+		-	NO/NO

4 wires (PNP/NPN, NO/NC)

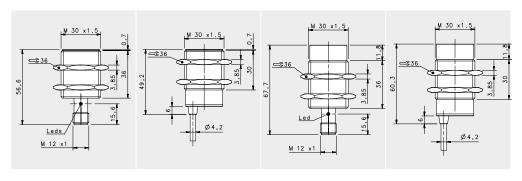
Output	Contacts numbers				
Output	- 1	2	-3	4	
NPN NO	+	NO	-	-	
NPN NC	-	NC	+	-	
PNP NO	+	+	- 18 C	NO	
PNP NC	-	+	+	NC	



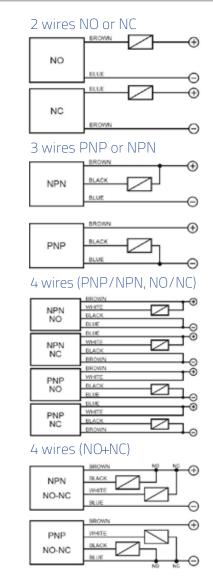


				STANDARD X2						
				FLU	SH	NON-F	LUSH			
				M12 conn	cable	M12 conn	cable			
NOMINAL SWITCHING DISTANCE		15mm	15mm	20 mm	20 mm					
10.201/4-	PNP/NPN ,	(IS-30-E0-S2	IS-30-E0-03	IS-30-F0-S2	IS-30-F0-03			
10-30 Vdc	NO-NC	-NC 4 wires	D-NC 4 wires	order No.	95B067390	95B067350	95B067410	95B067370		
10-30 Vdc	PNP	3 wires		IS-30-E1-S2	IS-30-E1-03	IS-30-F1-S2	IS-30-F1-03			
10-30 Vuc	NO) ^{3 wires}	order No.	95B067060	95B067950	95B067990	95B068030		
10-30 Vdc	PNP	3 wires		IS-30-E2-S2	IS-30-E2-03	IS-30-F2-S2	IS-30-F2-03			
10-50 Vuc	NC		order No.	95B067920	95B067960	95B068000	95B068040			
10-30 Vdc	NPN	3 wires		IS-30-E3-S2	IS-30-E3-03	IS-30-F3-S2	IS-30-F3-03			
10-50 Vuc	NO		3 Wires	order No.	95B067930	95B067970	95B068010	95B068050		
10-30 Vdc	NPN	3 wires		IS-30-E4-S2	IS-30-E4-03	IS-30-F4-S2	IS-30-F4-03			
10-50 Vul	NC		5 WIIES	5 WIIES	5 WILES	order No.	95B067940	95B067980	95B068020	95B068060
10-30 Vdc	PNP	4 wires								
10-50 Vuc	NO-NC		4 wires	4 wires	4 WIIES	4 WIES	order No.			
10-30 Vdc	NPN	4 wires								
10-50 Vul	NO-NC	C 4 wires	IO-NC 4 WITES	order No.						
10-30 Vdc	NO-NC	2 wires		IS-30-E9-S2	IS-30-E9-03	IS-30-F9-S2	IS-30-F9-03			
10-50 Vuc	NU-NC	2 wires	order No.	95B067400	95B067360	95B067420	95B067380			
20-250 Vac/Vdc	NO	2 wires								
20-250 Vac7 Vuc	NO	2 wires	order No.							
20-250 Vac/Vdc	NC	2 wires								
20-250 Vac7 Vuc	NC	2 WIES	order No.							
20-250 Vac	NO	2/3 wires								
20-250 Vac	NO	Z/ J WILES	order No.							
10-30 Vdc	Analog	3 wires								
	0-20 mA	J WILES	order No.							
NAMUR amplifier	NAMUR	2 wires								
wainon ampliner	NAMUR	2 wiles	order No.							

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	200 mA	200 mA	200 mA	200 mA
Min. Output Current				
Residual Current	< 10 mA	< 10 mA	< 10 mA	< 10 mA
Voltage Drop	< 6,5 V (I=100mA)			
Operation Led	Yellow	Yellow	Yellow	Yellow
Switching Frequency	200 Hz/100 Hz (2 wires NO-NC)	200 Hz/100 Hz (2 wires NO-NC)	200 Hz/100 Hz (2 wires NO-NC)	200 Hz/100 Hz (2 wires NO-NC
Start Up Delay	< 75 ms	< 75 ms	< 75 ms	< 75 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads			
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67	IP67
Cable Length				
Cable Section		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²		2 x 0,34 mm² 3 x 0,14 mm² 4 x 0,25 mm²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output				
Weight - Connector Output	170 g	170 g	170 g	170 g



	SHOI	RT X2	
FLU	JSH	NON F	LUSH
M12 conn	cable	M12 conn	cable
15mm	15mm	20 mm	20 mm
IS-30-G1-S2	IS-30-G1-03	IS-30-H1-S2	IS-30-H1-03
95B063691	95B063681	95B063771	95B063761
IS-30-G2-S2	IS-30-G2-03	IS-30-H2-S2	IS-30-H2-03
95B063711	95B063701	95B063791	95B063781
IS-30-G3-S2	IS-30-G3-03	IS-30-H3-S2	IS-30-H3-03
95B063651	95B063641	95B063731	95B063721
IS-30-G4-S2	IS-30-G4-03	IS-30-H4-S2	IS-30-H4-03
95B063671	95B063661	95B063751	95B063741
IS-30-G5-S2	IS-30-G5-03	IS-30-H5-S2	IS-30-H5-03
95B063831	95B063821	95B064450	95B064420
IS-30-G6-S2	IS-30-G6-03	IS-30-H6-S2	IS-30-H6-03
95B064430	95B064400	95B064440	95B064410
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%	< 10%
< 10%	< 10%	< 10%	< 10%
200 mA	200 mA	200 mA	200 mA
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow	Yellow	Yellow
200 Hz	200 Hz	200 Hz	200 Hz
< 75 ms	< 75 ms	< 75 ms	< 75 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal	Against polarity reversal	Against polarity reversal	Against polarity reversal
inductive loads	inductive loads	inductive loads	inductive loads
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
IP67	IP67	IP67	IP67
	2 m		2 m
	3 x 0,14 mm² 4 x 0,25 mm²		3 x 0,14 mm² 4 x 0,25 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP	LCP
see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductiv Sensors Catalog
	210 g		210 g
170 g		170 g	



M12 connector connections

2 wires NO or NC

and the second	Contacts numbers				
AV848018	1	2	3	4	
NO	+		-		
NC			+		

3 wires

0	ONTACTS	S CONFIGU	RATION	
Available		Contacts	numbers	
Available	1	2	3	4
(NO or NC)	+	10000	+	NO/NC

4 wires (PNP/NPN, NO/NC)

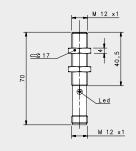
0.0.4	Contacts numbers				
Output	1	2		4	
NPN NO	+	ND	-	-	
NPN NC	-	NC	+	-	
FNP NO	+	+	-	NO	
PNP NC	- 1	+	+	NO	

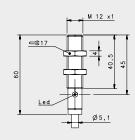
4 wires (NO+NC)

August	Contacta numbera				
Available	1.4	2	3	4	
(NO + NC)	+	NC.	-8	NO	

INDUCTIVE AC M12







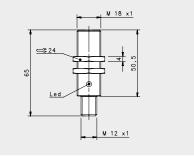
STANDARD VAC

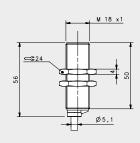
				FLUS	5H
				M12 conn	cable
OMINAL SWITCH	ING DISTAN	CE		2 mm	2 mm
0-30 Vdc	PNP/NPN NO-NC	4 wires	order No.		
0-30 Vdc	PNP NO	3 wires	order No.		
0-30 Vdc	PNP NC	3 wires			
0-30 Vdc	NPN NO	3 wires	order No.		
0-30 Vdc	NPN NC	3 wires	order No.		
0-30 Vdc	PNP	4 wires	order No.		
0-30 Vdc	NO-NC	4 wires	order No.		
10-30 Vdc	NO-NC	2 wires	order No.		
20-250 Vac/Vdc	NO	2 wires	order No.		
20-250 Vac/Vdc	NC	2 wires	order No.		
20-250 Vac	NO	2/3wires	order No.	 IS-12-A15-S2	 IS-12-A15-03
0-30 Vdc	Analog	3 wires	order No.	958060690	95B060680
	0-20 mA		order No.		
NAMUR amplifier	NAMUR	2 wires	order No.		
Iominal Voltage				20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)
esidual Ripple				< 10%	< 10%
lysteresis				< 10%	< 10%
lax. Output Curre	nt			500 mA, inrush:1,5A	500 mA, inrush:1,5A
lin. Output Curre	nt			20 mA	20 mA
esidual Current				< 0,7 mA	< 0,7 mA
oltage Drop				< 4 V (I=100mA)	< 4 V (l=100mA)
peration Led				Yellow	Yellow
witching Frequer	псу			25 Hz	25 Hz
tart Up Delay				< 300 ms	< 300 ms
lepeatability				5%	5%
hort Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)
lectric Protectior	1			Against polarity reversal inductive loads	Against polarity reversal inductive loads
emperature Limit				(-25 +70 °C)	(-25 +70 °C)
rotection Degree				IP67	IP67
able Length					2 m
able Section					2 x 0,25 mm²
lousing Material				Nickel-plated brass	Nickel-plated brass
ctive face				PA 16	PA 16
ightening torque				* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Veight - Cable Out	put				145g
Weight - Connecto	r Output			95g	

INDUCTIVE AC M18



Weight - Connector Output





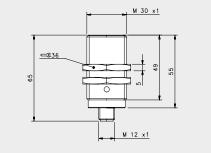
STANDARD VAC

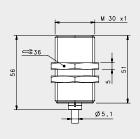
				FLUSH				
				M12 conn	cable			
NOMINAL SWITCHIN	IG DISTANO	E		5 mm	5 mm			
10. 20.)/da	PNP/NPN	(
10-30 Vdc	NO-NC	4 wires	order No.					
10-30 Vdc	dc PNP 3 wires							
10-50 Vuc N			order No.					
10-30 Vac	PNP	3 wires						
N	VC	5 Wiles	order No.					
10-30 Vac	NPN	3 wires						
	00		order No.					
	NPN NC	3 wires	a unda u Mia					
			order No.					
	PNP NO-NC	4 wires	ordor No					
			order No.					
	NPN NO-NC	4 wires	order No.					
10-30 Vdc 🛛 🔊	NO-NC	2 wires order No.						
			oraci ivo.					
20-250 Vac/Vdc	00	2 wires	order No.					
20-250 Vac/Vdc	NC	2 wires	order No.					
20.250.1	NO	2/3 wires	2/3 wires	2/2	2/2		IS-18-A15-S2	IS-18-A15-03
20-250 Vac	00			order No.	95B060780	95B060770		
10-30 Vdc	Analog 0-20 mA 3 w	3 wires	3 wires					
10-50 Vuc C				5 WIIES	5 WIIES	5 WILES	order No.	
NAMUR amplifier	NAMUR	2 wires						
NAMON ampliner	AMON	2 WIIES	order No.					
Nominal Voltage				20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)			
Residual Ripple				< 10%	< 10%			
Hysteresis				< 10%	< 10%			
Max. Output Current				500 mA, inrush:1,5A	500 mA, inrush:1,5A			
Min. Output Current				20 mA	20 mA			
Residual Current				< 0,7 mA	< 0,7 mA			
Voltage Drop				< 4 V (I=100mA)	< 4 V (I=100mA)			
Operation Led				Yellow	Yellow			
Switching Frequency				25 Hz	25 Hz			
Start Up Delay				< 300 ms	< 300 ms			
Repeatability				5%	5%			
Short Circuit Protecti	ion			Present (self-resetting)	Present (self-resetting)			
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads			
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)			
Protection Degree				IP67	IP67			
Cable Length					2 m			
Cable Section					2 x 0,25 mm²			
Housing Material				Nickel-plated brass	Nickel-plated brass			
Active face				PA 16	PA 16			
Tightening torque				* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog			
Weight - Cable Output					145g			
Weight - Connector O	utput			95g				

95g

INDUCTIVE AC M30





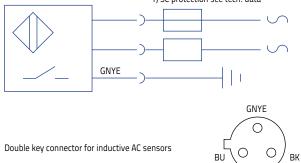


STANDARD VAC

				FLUSH	l i i i i i i i i i i i i i i i i i i i
				M12 conn	cable
IOMINAL SWITCH	ING DISTAN	CE		10 mm	10 mm
	PNP/NPN				
D-30 Vdc NO-NC		4 wires	order No.		
0.001/4-	PNP During				
10-30 Vdc	NO	3 wires	order No.		
	PNP 3 wires				
10-30 Vdc			order No.		
10-30 Vdc	NPN	3 wires			
10-30 Vuc	NO	5 WIES	order No.		
0-30 Vdc	NPN	3 wires			
0 50 140	NC	JWIICJ	order No.		
0-30 Vdc	PNP	4 wires			
0 50 142	NO-NC	4 WIICS	order No.		
10-30 Vdc	NPN	4 wires			
2000	NO-NC		order No.		
10-30 Vdc	NO-NC	2 wires			
55742		2 111103	order No.		
20-250 Vac/Vdc	NO	2 wires			
			order No.		
20-250 Vac/Vdc	NC	2 wires			
	2 111 12		order No.		
20-250 Vac	NO 2/3wires			IS-30-A15-S2	IS-30-A15-03
			order No.	95B060820	95B060810
0-30 Vdc	Analog	3 wires			
	0-20 mA		order No.		
NAMUR amplifier	NAMUR	2 wires	oudou No		
			order No.		
Iominal Voltage				20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)
Residual Ripple				< 10%	< 10%
lysteresis				< 10%	< 10%
Nax. Output Currer	ht.			500 mA, inrush:1,5A	500 mA, inrush:1,5A
/in. Output Curre				20 mA	20 mA
Residual Current				< 0,7 mA	< 0,7 mA
/oltage Drop				< 4 V (I=100mA)	< 4 V (I=100mA)
)peration Led				Yellow	Yellow
witching Frequer	ncv.			25 Hz	25 Hz
Start Up Delay	- 1			< 300 ms	< 300 ms
Repeatability				5%	5%
Short Circuit Prote	ction			Present (self-resetting)	Present (self-resetting)
				Against polarity reversal	Against polarity reversal
lectric Protection				inductive loads	inductive loads
emperature Limit				(-25 +70 °C)	(-25 +70 °C)
Protection Degree				IP67	IP67
able Length					2 m
able Section					2 x 0,25 mm²
lousing Material				Nickel-plated brass	Nickel-plated brass
active face				PA 16	PA 16
ightening torque				* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Neight - Cable Out	put				145g
Weight - Connector				95g	

1) SC protection see tech. data

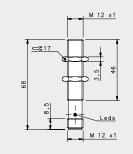
Double key connector for inductive AC sensors

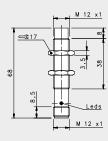


INDUCTIVE AC

METAL FACE M12





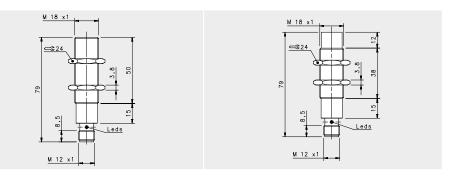


				METAL FACE			
				FLUSH	NON FLUSH		
				M12 conn	M12 conn		
NOMINAL SWITCH	IING DISTAN	CE		2 mm	4 mm		
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.				
10-30 Vdc	PNP NO	3 wires	order No.	IS-12-11-S2 95B065340	IS-12-L1-S2 95B063871		
10-30 Vdc	PNP NC	3 wires					
10-30 Vdc	NPN	3 wires	order No.				
	NO NPN	5 111125	order No.				
10-30 Vdc	NC	3 wires	order No.				
10-30 Vdc	PNP NO-NC	4 wires	order No.				
10-30 Vdc	NPN NO-NC	4 wires	order No.				
10-30 Vdc	NO-NC	2 wires					
20-250 Vac/Vdc	NO	2 wires	order No.				
20-250 Vac/Vdc	NC	2 wires	order No.				
20-250 Vac/ Vac	NC	2 WIES	order No.				
20-250 Vac	NO	2/3 wires	order No.				
10-30 Vdc	Analog 0-20 mA	3 wires	order No.				
NAMUR amplifier	NAMUR	2 wires	order No.				
Nominal Voltage				10-30 Vdc	10-30 Vdc		

Nominal Voltage	10-30 Vdc	10-30 Vdc
Residual Ripple	< 10%	< 10%
Hysteresis	< 15%	< 15%
Max. Output Current	200 mA	200 mA
Min. Output Current		
Residual Current	< 0,01 mA	< 0,01 mA
Voltage Drop	< 1,5 V (I=100mA)	< 1,5 V (I=100mA)
Operation Led	Present	Present
Switching Frequency	2000 Hz	1000 Hz
Start Up Delay		
Repeatability	< 1%	< 1%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67
Cable Length		
Cable Section		
Housing Material	Stainless-Steel	Stainless-Steel
Active face	Stainless Steel AISI 303	Stainless Steel AISI 303
Tightening torque	10Nm	10Nm
Weight - Cable Output		
Weight - Connector Output	30 g	30 g

METAL FACE M18

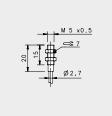




				META	L FACE	
				FLUSH	NON FLUSH	
				M12 conn	M12 conn	
NOMINAL SWITCH	HING DISTAN	CE		5 mm	8 mm	
10-30 Vdc	PNP/NPN	4 wires				
10-30 Vac	NO-NC	4 wires	order No.			
10-30 Vdc	PNP	3 wires		IS-18-I1-S2	IS-18-L1-S2	
10-30 vuc	NO	5 WIES	order No.	95B065350	95B063881	
10-30 Vdc	PNP	3 wires				
10-20 100	NC	JWIES	order No.			
10-30 Vdc	NPN	3 wires				
10 30 140	NO	5 WIICS	order No.			
10-30 Vdc	NPN	3 wires				
10 30 140	NC	5 WIICS	order No.			
10-30 Vdc	PNP		4 wires			
10 30 140	NO-NC	4 WIICS	order No.			
10-30 Vdc	NPN	4 wires				
10 30 140	NO-NC	4 WIICS	order No.			
10-30 Vdc	NO-NC	C 2 wires				
10-20 400	NO-NC		order No.			
20-250 Vac/Vdc	NO	2 wires				
20-230 Vac/ Vuc	NO	2 001165	order No.			
20-250 Vac/Vdc	NC	2 wires				
20 250 1407 140	NC .	2 001105	order No.			
20-250 Vac	NO	2/3 wires				
20 250 Vac	NO	2/ 5 10105	order No.			
10-30 Vdc	Analog	3 wires				
10 30 140	0-20 mA	5 WIICS	order No.			
NAMUR amplifier	NAMUR	2 wires				
NAMON ampliner	NAMOR	2 WIICS	order No.			
Nominal Voltage				10-30 Vdc	10-30 Vdc	
0						
Residual Ripple				< 10% < 15%	< 10% < 15%	
Hysteresis	-			< 15% 200 mA		
Max. Output Curre Min. Output Curre				200 mA > 1,6 mA	200 mA > 1,6 mA	
	201C					
Residual Current				< 0,01 mA < 1,5 V	< 0,01 mA < 1,5 V	
Voltage Drop						
Operation Led				Present	Present	
Switching Freque	псу			1000 Hz	500 Hz	
Start Up Delay						

Operation Led	Present	Present
Switching Frequency	1000 Hz	500 Hz
Start Up Delay		
Repeatability	< 1%	< 1%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67
Cable Length		
Cable Section		
Housing Material	Stainless-Steel	Stainless-Steel
Active face	Stainless Steel AISI 303	Stainless Steel AISI 303
Tightening torque	10Nm	10Nm
Weight - Cable Output		
Weight - Connector Output	95g	95g





NAMUR FLUSH

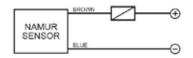
cable

NOMINAL SWITCHING DISTANCE

NOMINAL SWITCH	IING DISTAN	CE		0,8 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	
10-30 Vdc	PNP NO	3 wires	order No.	
10-30 Vdc	PNP NC	3 wires	order No.	
10-30 Vdc	NPN NO	3 wires	order No.	
10-30 Vdc	NPN NC	3 wires	order No.	
10-30 Vdc	PNP NO-NC	4 wires	order No.	
10-30 Vdc	NPN NO-NC	4 wires	order No.	
10-30 Vdc	NO-NC	2 wires	order No.	
20-250 Vac/Vdc	NO	2 wires	order No.	
20-250 Vac/Vdc	NC	2 wires	order No.	
20-250 Vac	NO	2/3 wires	order No.	
10-30 Vdc	Analog 0-20 mA	3 wires	order No.	
NAMUR amplifier	NAMUR	2 wires	order No.	IS-05-A20-03 95B065410

Nominal Voltage 6+12 V DC **Residual Ripple** ----Hysteresis < 10% Max. Output Current < 3 mA (metal absent) Min. Output Current < 1 mA (metal present) **Residual** Current ----Voltage Drop ----Operation Led ---Switching Frequency 2000 Hz Start Up Delay < 10 ms Repeatability ---Short Circuit Protection Present (self-resetting) Against polarity reversal Electric Protection inductive loads Temperature Limit (-25 ... +70 °C) Protection Degree IP67 2 m (PVC) Cable Length Cable Section 2x 0,15 mm² Housing Material Stainless-Steel Active face LCP Tightening torque 1,5Nm Weight - Cable Output 25g Weight - Connector Output

2 wires NAMUR

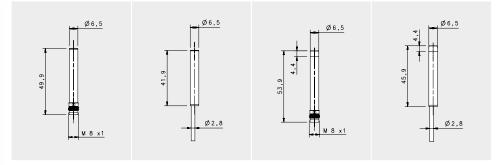


M8 2 wires NAMUR

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CONT. Available	A REAL PROPERTY AND INCOME.	Contractor Information	

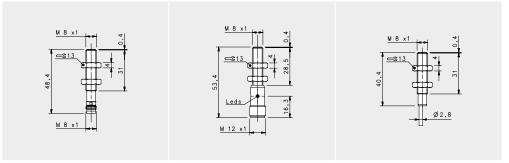
NAMUR M6.5





					NAI	MUR	
				FLL	JSH	NON F	FLUSH
				M8 conn	cable	M8 conn	cable
IOMINAL SWITCH	IING DISTANO	Œ		1 mm	1 mm	2 mm	2 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.				
10-30 Vdc	PNP NO	3 wires					
10-30 Vdc	PNP	3 wires	order No.				
10-30 Vdc	NC NPN	3 wires	order No.				
	NO NPN		order No.				
10-30 Vdc	NC	3 wires	order No.				
10-30 Vdc	PNP NO-NC	4 wires	order No.				
10-30 Vdc	NPN NO-NC	4 wires	order No.				
10-30 Vdc	NO-NC	2 wires					
20-250 Vac/Vdc	NO	2 wires	order No.				
		2 wires	order No.				
20-250 Vac/Vdc	NC	2 wires	order No.				
20-250 Vac	NO	2/3 wires	order No.				
10-30 Vdc	Analog 0-20 mA	3 wires	order No.				
NAMUR amplifier	NAMUR	2 wires	order No.	IS-65-A20-S1 95B066310	IS-65-A20-03 95B066290	IS-65-C20-S1 95B066320	IS-65-C20-03 95B066300
Nominal Voltage				7,7 + 9 V DC	7,7 + 9 V DC	7,7 + 9 V DC	7,7 + 9 V DC
Residual Ripple				< 10%	< 10%	< 10%	< 10%
Hysteresis				< 10%	< 10%	< 10%	< 10%
Max. Output Curre				< 3 mA (metal absent)	< 3 mA (metal absent)	< 3 mA (metal absent)	< 3 mA (metal absent)
Min. Output Curre	nt			< 1 mA (metal present)	< 1 mA (metal present)	< 1 mA (metal present)	< 1 mA (metal present
Residual Current							
/oltage Drop							
Operation Led							
Switching Frequer	псу			2000 Hz	2000 Hz	2000 Hz	2000 Hz
Start Up Delay							
Repeatability				< 3%	< 3%	< 3%	< 3%
Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting
Electric Protection	1			Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity revers inductive loads
lemperature Limit				(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
Protection Degree				IP67	IP67	IP67	IP67
Cable Length					2 m		2 m
Cable Section					2x 0,25 mm²		2 x 0,25 mm ²
Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face				LCP	LCP	LCP	LCP
Weight - Cable Out	nut				80 g		80 g
Weight - Cable Out Weight - Connecto				 40 g		 40 g	





* see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog

55g

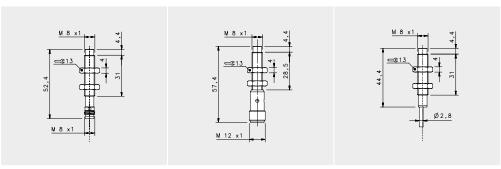
80 g

					NAMUR	
					FLUSH	
				M8 conn	M12 conn	cable
NOMINAL SWITCH	IING DISTAN	CE		1 mm	1 mm	1 mm
10-30 Vdc	PNP/NPN	4 wires				
10-50 Vuc	NO-NC	4 wires	order No.			
10-30 Vdc	PNP	3 wires				
10 30 440	NO	5 WIICS	order No.			
10-30 Vdc	PNP	3 wires				
	NC		order No.			
10-30 Vdc	NPN	3 wires				
	NO		order No.			
10-30 Vdc	NPN NC	3 wires	andan Na			
			order No.			
10-30 Vdc	PNP NO-NC	4 wires	order No.			
	NPN		order No.			
10-30 Vdc	NO-NC	4 wires	order No.			
			oraci ivo.			
10-30 Vdc	NO-NC	2 wires	order No.			
20-250 Vac/Vdc	NO	2 wires	order No.			
20-250 Vac/Vdc	NC	2 wires	order No.			
20.2501/	NO	2/3 wires				
20-250 Vac	NO		order No.			
10-30 Vdc	Analog					
10-50 Vuc	0-20 mA		order No.			
NAMUR amplifier	NAMUR	2 wires		IS-08-A20-S1	IS-08-A20-S2	S-08-A20-03
NAMON ampimer	NAMOR	2 WIIES	order No.	95B066780	95B066760	95B066740
Nominal Voltage				7,7 + 9 V DC	7,7 + 9 V DC	7,7 + 9 V DC
Residual Ripple				< 10%	< 10%	< 10%
Hysteresis				< 10%	< 10%	< 10%
Max. Output Currer				< 3 mA (metal absent)	< 3 mA (metal absent)	< 3 mA (metal absent)
Min. Output Curre	nt			< 1 mA (metal present)	< 1 mA (metal present)	< 1 mA (metal present)
Residual Current						
Voltage Drop						
Operation Led Switching Frequer	201			 2000 Hz	 2000 Hz	 2000 Hz
Start Up Delay	icy					2000 HZ
Repeatability				< 3%	< 3%	< 3%
Short Circuit Prote	oction			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
				Against polarity reversal	Against polarity reversal	Against polarity reversal
Electric Protection				inductive loads	inductive loads	inductive loads
Temperature Limit				(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
Protection Degree				IP67	IP67	IP67
Cable Length						2 m
Cable Section						2x 0,25 mm²
Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face				LCP	LCP	LCP

35g

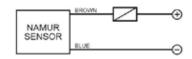
Weight - Connector Output

Tightening torque Weight - Cable Output



	NAMUR	
	NON FLUSH	
M8 conn	M12 conn	cable
2 mm	2 mm	2 mm
IS-08-C20-S1	IS-08-C20-S2	IS-08-C20-03
95B066790	95B066770	95B066750
7,7 + 9 V DC	7,7 + 9 V DC	7,7 + 9 V DC
< 10%	< 10%	< 10%
< 10%	< 10%	< 10%
< 3 mA (metal absent) < 1 mA (metal present)	< 3 mA (metal absent) < 1 mA (metal present)	< 3 mA (metal absent) < 1 mA (metal present)
2000 Hz	2000 Hz	2000 Hz
< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
IP67	IP67	IP67
		2 m
		2 x 0,25 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP * coo page 5 of the Inductive Sensors Catalo
see page 5 of the inductive Sensors Latalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Latalo 80 g
35g	55g	

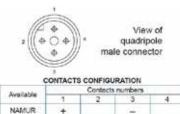
2 wires NAMUR



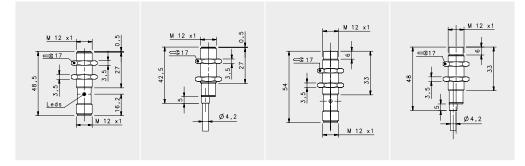
M8 2 wires NAMUR



M12 2 wires NAMUR







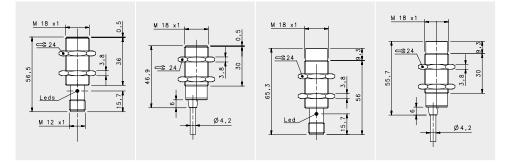
				NAMUR				
				FLL	ISH	NON F	LUSH	
				M12 conn	cable	M12 conn	cable	
IOMINAL SWITCHING DISTANCE				2 mm	2 mm	4mm	4mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.					
10-30 Vdc	PNP NO	3 wires	order No.					
10-30 Vdc	PNP NC	3 wires	order No.					
10-30 Vdc	NPN NO	3 wires	order No.					
10-30 Vdc	NPN	3 wires						
10-30 Vdc	NC PNP	4 wires	order No.					
	NO-NC NPN		order No.					
10-30 Vdc	NO-NC	4 wires	order No.					
10-30 Vdc	NO-NC	2 wires	order No.					
20-250 Vac/Vdc	NO	2 wires	order No.					
20-250 Vac/Vdc	NC	2 wires	order No.					
20-250 Vac	NO	2/3wires						
10-30 Vdc	Analog	3 wires	order No.					
10-30 VUC	0-20 mA	3 wires	order No.	 IS-12-A20-S2	 IS-12-A20-03	 IS-12-C20-S2	 IS-12-C20-03	
NAMUR amplifier	NAMUR	2 wires	order No.	95B064180	95B064160	95B064190	95B064170	
Nominal Voltage				7,7 + 9 V DC				
Residual Ripple				< 10%	< 10%	< 10%	< 10%	
Hysteresis				< 10%	< 10%	< 10%	< 10%	
Max. Output Currer	nt			< 3 mA (metal absent)				
Min. Output Curre	nt			< 1 mA (metal present)				
Residual Current								
Voltage Drop								
Operation Led								
Switching Frequer	тсу			2000 Hz	2000 Hz	2000 Hz	2000 Hz	
Start Up Delay								
Repeatability				< 3%	< 3%	< 3%	< 3%	
Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	
Electric Protection				Against polarity reversal inductive loads				
Temperature Limit				(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	
Protection Degree				IP67	IP67	IP67	IP67	

Cable Length ---2 m ---2 m Cable Section ----2 x 0,25 mm^2 ----2 x 0,25 mm^2 Housing Material Nickel-plated brass Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP * see page 5 of the Inductive Sensors Catalog LCP LCP LCP Active face * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog Tightening torque Weight - Cable Output 110 g 110 g Weight - Connector Output 60 g 60 g -------



Weight - Cable Output

Weight - Connector Output



				NAMUR					
				FLU	JSH	NON	LUSH		
				M12 conn	cable	M12 conn	cable		
IOMINAL SWITCH	IING DISTAN	CE		5mm	5mm	8mm	8mm		
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.						
10-30 Vdc	PNP NO	3 wires	order No.						
10-30 Vdc	PNP NC	3 wires	order No.						
10-30 Vdc	NPN NO	3 wires	order No.						
10-30 Vdc	NPN NC	3 wires	order No.						
10-30 Vdc	PNP NO-NC	4 wires	order No.						
10-30 Vdc	NPN NO-NC	4 wires	order No.						
10-30 Vdc	NO-NC	2 wires	order No.						
20-250 Vac/Vdc	NO	2 wires	order No.						
20-250 Vac/Vdc	NC	2 wires							
20-250 Vac	NO	2/3 wires	order No.						
10-30 Vdc	Analog 0-20 mA	3 wires	order No.						
NAMUR amplifier	NAMUR	2 wires	order No.	IS-18-A20-S2 95B064380	IS-18-A20-03 95B064360	IS-18-C20-S2 95B064390	IS-18-C20-03 95B064370		
Nominal Voltage				7,7 + 9 V DC	7,7 + 9 V DC	7,7 + 9 V DC	7,7 + 9 V DC		
Residual Ripple				< 10%	< 10%	< 10%	< 10%		
Hysteresis				< 10%	< 10%	< 10%	< 10%		
, Max. Output Curre Min. Output Curre				< 3 mA (metal absent) < 1 mA (metal present)	< 3 mA (metal absent) < 1 mA (metal present)	< 3 mA (metal absent) < 1 mA (metal present)	< 3 mA (metal absent) < 1 mA (metal present)		
Residual Current	inc.								
Voltage Drop									
Operation Led									
, Switching Frequer	ıcy			1000 Hz	1000 Hz	1000 Hz	1000 Hz		
Start Up Delay									
Repeatability				< 3%	< 3%	< 3%	< 3%		
Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)		
Electric Protection	1			Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads		
Temperature Limit				(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)		
Protection Degree				IP67	IP67	IP67	IP67		
Cable Length					2 m		2 m		
Cable Section					2 x 0,25 mm²		2 x 0,25 mm²		
Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass		
Active face				LCP	LCP	LCP	LCP		
Tightening torque				* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inducti Sensors Catalog		
Weight - Cable Out	and the second sec			-	1/15g		1/i5g		

95g

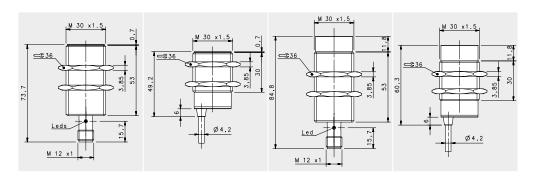
145g

95g

ODATALOGIC 67

145g





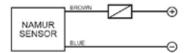
170 g

				NAMUR			
				FLL	JSH	NON FLUSH	
				M12 conn	cable	M12 conn	cable
IOMINAL SWITCHING DISTANCE				10mm	10mm	15mm	15mm
PNP/NPN							
10-30 Vdc	NO-NC	/i wiroc	order No.				
10-30 Vdc	PNP	3 wires					
10-50 Vac	NO	5 WIIES	order No.				
10-30 Vdc	PNP NC	3 wires					
		3 wires	order No.				
10-30 Vdc	NPN NO		order No.				
	NPN NC	3 wires	oraci ivo.				
10-30 Vdc			order No.				
10. 20.Vdc	PNP NO-NC	4 wires					
10-30 Vdc			order No.				
10-30 Vdc	NPN	4 wires					
	NO-NC		order No.				
10-30 Vdc	NO-NC	2 wires	audau Na				
			order No.				
20-250 Vac/Vdc	NO	2 wires	order No.				
			order ivo.				
20-250 Vac/Vdc	NC	2 wires	order No.				
20-250 Vac	NO	2/3 wires					
			order No.				
10-30 Vdc NAMUR amplifier	Analog 0-20 mA NAMUR	3 wires					
			order No.				
		2 wires	order No.	IS-30-A20-S2 95B064630	IS-30-A20-03 95B064610	IS-30-C20-S2 95B064640	IS-30-C20-03 95B064620
			order No.	556004050	550004010	550004040	556004020
Nominal Voltage				7,7 + 9 V DC			
Residual Ripple				< 10%	< 10%	< 10%	< 10%
Hysteresis				< 10%	< 10%	< 10%	< 10%
Max. Output Current				< 3 mA (metal absent)			
Min. Output Current				< 1 mA (metal present)			
Residual Current							
/oltage Drop							
Operation Led							
Switching Frequency		500 Hz	500 Hz	500 Hz	500 Hz		
Start Up Delay Reportability		< 3%	 < 3%	< 3%	 < 3%		
Repeatability Short Circuit Protection				< 3% Present (self-resetting)	< 3% Present (self-resetting)	< 3% Present (self-resetting)	< 3% Present (self-resetting)
				Against polarity reversal	Against polarity reversal	Against polarity reversal	Against polarity reversal
Electric Protection				inductive loads	inductive loads	inductive loads	inductive loads
Temperature Limit				(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
Protection Degree				IP67	IP67	IP67	IP67
Cable Length					2 m		2 m
Cable Section					2 x 0,25 mm²		2 x 0,25 mm ²
Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face				LCP * see page 5 of the Inductive			
Tightening torque				Sensors Catalog	Sensors Catalog	Sensors Catalog	Sensors Catalog
Weight - Cable Output					210 g		210 g
Weight - Connector Output				170 g		170 g	

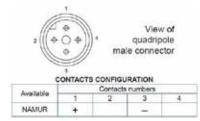
170 g

Weight - Connector Output

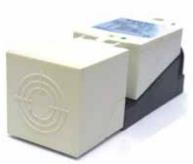
2 wires NAMUR

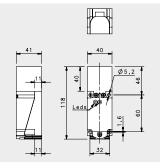


M12 2 wires NAMUR



SOUARE 40X40





PBT (RESIN)

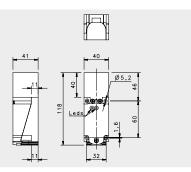
262g

				40)	X40
				FLUSH	NON FLUSH
				Terminal Block	Terminal Block
NOMINAL SWITCH	ING DISTAN	CE		15 mm	30mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.		
10-30 Vdc	PNP NO	3 wires	order No.		
10-30 Vdc	PNP NC	3 wires			
10-30 Vdc	NPN NO	3 wires	order No.		
10-30 Vdc	NPN	3 wires	order No.		
10-50 Vuc	NC PNP	5 WIIES	order No.	 IS-40-W5-S3	 IS-40-Y5-S3
10-30 Vdc	NO-NC	4 wires	order No.	95B065240	95B065280
10-30 Vdc	NPN NO-NC	4 wires	order No.	IS-40-W6-S3 95B065230	IS-40-Y6-S3 95B065270
10-30 Vdc	NO-NC	2 wires	order No.		
20-250 Vac/Vdc	NO	2 wires	order No.		
20-250 Vac/Vdc	NC	2 wires			
20-250 Vac	NO	2/3wires	order No.		
	Analog		order No.		
10-30 Vdc	0-20 mA	3 wires	order No.		
NAMUR amplifier	NAMUR	2 wires	order No.		
Nominal Voltage				10-30 Vdc	10-30 Vdc
Residual Ripple				< 10%	< 10%
Hysteresis				< 15% (Sr)	< 15% (Sr)
Max. Output Curre	nt			200mA	200mA
Min. Output Curre					
Residual Current				< 0,01 mA	< 0,01 mA
Voltage Drop				< 1,5V	< 1,5V
Operation Led				YES	YES
Switching Frequer				100 Hz	100 Hz
Start Up Delay	icy				
Repeatability				< 1.0% (Sr)	< 1.0% (Sr)
Short Circuit Prote	action			Present (self-resetting)	Present (self-resetting)
Electric Protection				Against polarity reversal	Against polarity reversal
T				inductive loads	inductive loads
Temperature Limit				(-25+75C)	(-25 +75 °C)
Protection Degree				IP67	IP67
Cable Length					
Cable Section					
Lloueing Meterial					

PBT (RESIN)

262g

Housing Material Weight - Cable Output Weight - Connector Output

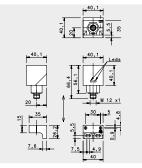


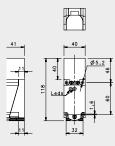
40X40 VAC/VDC

40X40 VAC/VDC					
FLUSH	NON FLUSH				
Terminal Block	Terminal Block				
15 mm	30mm				
IS-40-W7-S3	IS-40-Y7-S3				
95B065250	95B065290				
IS-40-W8-S3	IS-40-Y8-S3				
95B065260	95B065300				
20-250 VAC/Vdc, 50-60 Hz	20-250 VAC/Vdc, 50-60 Hz				
< 10%	< 10%				
< 15% (Sr)	< 15% (Sr)				
200mA	200mA				
< 2,5mA	< 2,5mA				
< 10Vac ; < 8Vdc	< 10Vac ; < 8Vdc				
YES	YES				
25 Hz AC; 40 Hz DC	25 Hz AC; 40 Hz DC				
< 1.0% (Sr)	< 1.0% (Sr)				
Present (self-resetting)	Present (self-resetting)				
Against polarity reversal inductive loads	Against polarity reversal inductive loads				
(-25 +70 °C)	(-25 +70 °C)				
IP67	IP67				
PBT (RESIN)	PBT (RESIN)				
262g	262g				

SOUARE 40X40



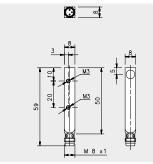


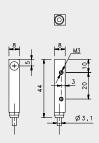


				SHORT	ANALOG OUTPUT
				FLUSH	NON FLUSH
				M12 conn.	Terminal Block
IOMINAL SWITCH	ING DISTAN	CE		15mm	7-20mm
	PNP/NPN				
10-30 Vdc	NO-NC	4 wires	order No.		
10. 20.1/4-	PNP	Duringe			
10-30 Vdc	NO	3 wires	order No.		
10-30 Vdc	PNP	3 wires			
10-30 vac	NC	2 MILES	order No.		
10-30 Vdc	NPN	3 wires			
	NO	5 10105	order No.		
10-30 Vdc	NPN	3 wires			
	NC		order No.		
10-30 Vdc	PNP	4 wires		IS-40-X5-S2	
	NO-NC		order No.	95B065320	
10-30 Vdc	NPN	4 wires		IS-40-X6-52	
	NO-NC		order No.	95B065310	
10-30 Vdc	NO-NC	2 wires	and an Na		
			order No.		
20-250 Vac/Vdc	NO	2 wires	a unda u Mar		
			order No.		
20-250 Vac/Vdc	NC	2 wires	order No.		
			order No.		
20-250 Vac	NO	2/3 wires	order No.		
	Analog		order No.		IS-40-C11-S3
10-30 Vdc	Analog 0-20 mA	3 wires	order No.		95B065330
			order No.		
NAMUR amplifier	NAMUR	2 wires	order No.		
				10 2014	10 2011
Nominal Voltage				10-30 Vdc	18-30 Vdc
Residual Ripple				< 10%	< 10%
Hysteresis				< 15% (Sr)	< 10% (Sr)
Max. Output Currer				200mA	0-20mA/200 Ω Max.
Min. Output Curre	nt				
Residual Current				< 0,01mA	
/oltage Drop				< 1,5V YES	
Operation Led Switching Frequen				100 Hz	 100 Hz
	icy			100 H2	
Start Up Delay Repeatability				 < 1.0% (Sr)	 0,02 mm
Short Circuit Prote	oction			Present (self-resetting)	Present (self-resetting)
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)
Protection Degree				IP67	(-25 +70 C) IP67
Table Length					
Cable Length					
Housing Material				PBT (RESIN)	PBT (RESIN)
Housing Material Weight - Cable Out	put			PBT (RESIN) 	PBI (RESIN)
Weight - Cable Out Weight - Connector				 170 g	 242g
weight - connector	σατρατ			1/0 8	2428

SOUARE 8X8



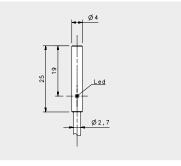




				SH	ORT
				FL	USH
				M8 conn	cable
NOMINAL SWITCH	ING DISTAN	CE		1,5mm	1,5mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.		
10-30 Vdc	PNP NO	3 wires	order No.	IS-88-Q1-S1 95B060840	IS-88-Q1-03 95B060830
10-30 Vdc	PNP NC	3 wires	order No.		
10-30 Vdc	NPN NO	3 wires	order No.		
10-30 Vdc	NPN NC	3 wires	order No.		
10-30 Vdc	PNP NO-NC	4 wires	order No.		
10-30 Vdc	NPN NO-NC	4 wires			
10-30 Vdc	NO-NC	2 wires	order No.		
20-250 Vac/Vdc	NO	2 wires	order No.		
			order No.		
20-250 Vac/Vdc	NC	2 wires	order No.		
20-250 Vac	NO	2/3 wires	order No.		
10-30 Vdc	Analog 0-20 mA	3 wires	order No.		
NAMUR amplifier	NAMUR	2 wires	order No.		
Nominal Voltage				10-30 Vdc	10-30 Vdc

Nominal Voltage	10-30 Vdc	10-30 Vdc
Residual Ripple	< 10%	< 10%
Hysteresis	< 10% (Sr)	< 10% (Sr)
Max. Output Current	200mA	200mA
Min. Output Current		
Residual Current		
Voltage Drop	< 1,2V	< 1,2V
Operation Led	Yellow	Yellow
Switching Frequency	500 Hz	500 Hz
Start Up Delay	75 ms	75 ms
Repeatability	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67
Cable Length		2 m
Cable Section		3x0,14mm²
Housing Material	nickel-plated brass	nickel-plated brass
Weight - Cable Output		80 g
Weight - Connector Output	40 g	





STANDARD FLUSH

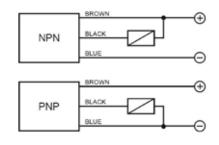
cable

NOMINAL SWITCHING DISTANCE

NOMINAL SWITCH	ING DISTAN	CE		0,8 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	
10-30 Vdc	PNP NO	3 wires	order No.	IS-04-A1-03 95B061011
10-30 Vdc	PNP NC	3 wires	order No.	
10-30 Vdc	NPN NO	3 wires	order No.	IS-04-A3-03 95B061001
10-30 Vdc	NPN NC	3 wires	order No.	
10-30 Vdc	PNP NO-NC	4 wires	order No.	
10-30 Vdc	NPN NO-NC	4 wires	order No.	
10-30 Vdc	NO-NC	2 wires	order No.	
20-250 Vac/Vdc	NO	2 wires	order No.	
20-250 Vac/Vdc	NC	2 wires	order No.	
20-250 Vac	NO	2/3 wires	order No.	
10-30 Vdc	Analog 0-20 mA	3 wires	order No.	
NAMUR amplifier	NAMUR	2 wires	order No.	

Nominal Voltage	10-30 Vdc (-15/10%)
Residual Ripple	< 10%
Hysteresis	< 15%
Max. Output Current	100 mA
Min. Output Current	
Residual Current	< 0,01 mA
Voltage Drop	< 1,5 V
Operation Led	Yellow
Switching Frequency	2000 Hz
Start Up Delay	
Repeatability	< 1%
Short Circuit Protection	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)
Protection Degree	IP69K
Cable Length	2 m (PUR)
Cable Section	3x 0,15 mm²
Housing Material	Stainless-Steel
Active face	POM
Tightening torque	
Weight - Cable Output	50 g
Weight - Connector Output	

3 wires PNP or NPN

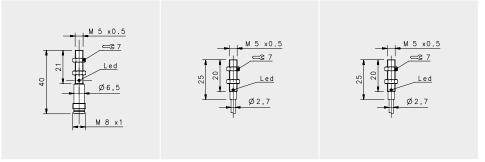


M8 3 pole



10.00 (Mar. 10)	Contacts numbers			
Available	1 HROWN	3 HALE	4 BLACK	
NPN/PNP	+	-	NO/NO	

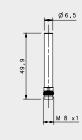




			STAN	DARD	STANDARD X2
			FLL	ISH	FLUSH
		-	M8 conn	cable	cable
ING DISTAN	CE		0,8 mm	0,8 mm	1,5 mm
PNP/NPN NO-NC	4 wires	order No.			
PNP NO	3 wires	order No.	IS-05-A1-S1 95B061051	IS-05-A1-03 95B061041	
PNP NC	3 wires				
NPN	3 wires		IS-05-A3-S1	IS-05-A3-03	IS-05-E3-03 95B065400
NPN NC	3 wires		555667657	IS-05-A4-03	
PNP NO-NC	4 wires				
NPN NO-NC	4 wires				
NO-NC	2 wires				
NO	2 wires				
NC	2 wires				
NO	2/3 wires				
Analog 0-20 mA	3 wires				
NAMUR	2 wires	order No.			
	PNP/NPN NO-NC PNP NO NPN NO NPN NO-NC NO-NC NO-NC NO-NC NO-NC NO NO-NC	NO-NC4 wiresPNP NO3 wiresPNP NC3 wiresNPN NO3 wiresNPN NC3 wiresPNP NO-NC4 wiresNPN NO-NC2 wiresNO-NC2 wiresNO-NC2 wiresNO2 wiresNO2 wiresNO2 wiresNO2 wiresNO2 wiresNO2 wiresNO3 wires	PNP/NPN NO-NC4 wiresorder No.PNP NO3 wiresorder No.PNP NC3 wiresorder No.PNP NC3 wiresorder No.NPN NO3 wiresorder No.NPN NO3 wiresorder No.NPN NO3 wiresorder No.NPN NO-NC4 wiresorder No.NPN NO-NC2 wiresorder No.NO-NC2 wiresorder No.NO2 wiresorder No.NC2 wiresorder No.NO2/3 wiresorder No.Analog O-20 mA3 wiresorder No.NAMIIB2 wiresorder No.	NG DISTANCE 08 conn NNC DISTANCE 0.4 wires order No. PNP/NPN NO-NC 4 wires order No. PNP NO 3 wires order No. 95B061051 PNP NC 3 wires order No. 95B061051 PNP NC 3 wires order No. NPN NC 3 wires order No. 95B061031 NPN NC 3 wires order No. 95B061031 NPN NC 3 wires order No. 95B061031 NPN NC 4 wires order No. NPN NO-NC 4 wires order No. NO-NC 2 wires order No. NO-NC 2 wires order No. NO 2 wires order No. NO 2/3 wires order No. NO 2/3 wires order No. NO 2/3 wires order No. NAMUR 2 wires order No.	NR DISTANCE 0,8 mm 0,8 mm PNP/NPN NO-NC 4 wires order No.

Nominal Voltage 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) Residual Ripple < 10% < 10% < 10% Hysteresis < 15% < 15% < 15% Max. Output Current 100 mA 100 mA 100 mA Min. Output Current Residual Current < 0,01 mA < 0,01 mA < 0,01 mA Voltage Drop < 1,5V < 1,5V < 1,5V Operation Led Yellow Yellow Yellow Switching Frequency 2000 Hz 2000 Hz 2000 Hz Start Up Delay Repetability < 1% Short Circuit Protection Present (self-resetting) Present (self-resetting) Present (self-resetting) Electric Protection Against polarity reversal inductive loads inductive loads inductive loads Temperature Limit [-25+70 °C] [-25+70 °C] [-25+70 °C] [-25+70 °C] Cable Section 2 m(PUR) 3x 0,15 mm³<				
Hysteresis < 15% < 15% < 15% Max. Output Current 100 mA 100 mA 100 mA Min. Output Current Residual Current < 0,01 mA	Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Max. Output Current 100 mA 100 mA 100 mA Min. Output Current Residual Current < 0,01 mA	Residual Ripple	< 10%	< 10%	< 10%
Min. Output CurrentResidual Current< 0,01 mA	Hysteresis	< 15%	< 15%	< 15%
Residual Current< 0,01 mA< 0,01 mA< 0,01 mAVoltage Drop< 1,5V	Max. Output Current	100 mA	100 mA	100 mA
Voltage Drop< 1,5V< 1,5V< 1,5VOperation LedYellowYellowYellowYellowSwitching Frequency2000 Hz2000 Hz2000 Hz2000 HzStart Up DelayRepeatability< 1%	Min. Output Current			
Operation LedYellowYellowYellowSwitching Frequency2000 Hz2000 Hz2000 HzStart Up DelayRepeatability <t1%< td=""><t1%< td="">Short Circuit ProtectionPresent (self-resetting)Present (self-resetting)Present (self-resetting)Electric ProtectionAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsTemperature Limit(-25+70 °C)(-25+70 °C)(-25+70 °C)Protection Degree01P69K1P69KCable Length3 x 0,15 mm²3 x 0,15 mm²Cable Section3 x 0,15 mm²3 x 0,15 mm²Housing MaterialStainless-SteelStainless-SteelStainless-SteelActive facePOMPOMPOMTightening torque1,5 Nm1,5 Nm1,5 NmWeight - Cable Output25g25g</t1%<></t1%<>	Residual Current	< 0,01 mA	< 0,01 mA	< 0,01 mA
Switching Frequency2000 Hz2000 Hz2000 HzStart Up DelayRepeatability<1%	Voltage Drop	< 1,5V	< 1,5V	< 1,5V
Start Up DelayRepeatability<1%	Operation Led	Yellow	Yellow	Yellow
Repeatability< 1%< 1%Short Circuit ProtectionPresent (self-resetting)Present (self-resetting)Present (self-resetting)Electric ProtectionAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsTemperature Limit(-25+70 °C)(-25+70 °C)(-25+70 °C)Protection Degree01P69K1P69KCable Length2 m (PUR)2 m (PUR)Cable Section3x 0,15 mm²3x 0,15 mm²Housing MaterialStainless-SteelStainless-SteelStainless-SteelActive facePOMPOMPOMTightening torque1,5 Nm1,5 Nm1,5 NmWeight - Cable Output25g25g	Switching Frequency	2000 Hz	2000 Hz	2000 Hz
Short Circuit ProtectionPresent (self-resetting)Present (self-resetting)Present (self-resetting)Electric ProtectionAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsTemperature Limit(-25+70 °C)(-25+70 °C)(-25+70 °C)Protection DegreeIP69KIP69KIP69KCable Length2 m (PUR)2 m (PUR)Cable Section3x 0,15 mm²3x 0,15 mm²Housing MaterialStainless-SteelStainless-SteelStainless-SteelActive facePOMPOMPOMTightening torque1,5 Nm1,5 Nm1,5 NmWeight - Cable Output25g25g	Start Up Delay			
Electric ProtectionAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsAgainst polarity reversal inductive loadsTemperature Limit(-25+70 °C)(-25+70 °C)(-25+70 °C)Protection DegreeIP69KIP69KIP69KCable Length2 m (PUR)2 m (PUR)Cable Section3x 0,15 mm²3x 0,15 mm²Housing MaterialStainless-SteelStainless-SteelStainless-SteelActive facePOMPOMPOMTightening torque1,5 Nm1,5 Nm1,5 NmWeight - Cable Output25g25g	Repeatability	< 1%	< 1%	
Electric Protectionof inductive loadsof inductive loadsTemperature Limit(-25 +70 °C)(-25 +70 °C)Protection DegreeIP69KIP69KCable Length2 m (PUR)Cable Section3x 0,15 mm²Housing MaterialStainless-SteelStainless-SteelActive facePOMPOMTightening torque1,5 Nm1,5 NmWeight - Cable Output25g25g25g	Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Protection Degree IP69K IP69K IP69K Cable Length 2 m (PUR) 2 m (PUR) Cable Section 3x 0,15 mm² 3x 0,15 mm² Housing Material Stainless-Steel Stainless-Steel Stainless-Steel Active face POM POM POM Tightening torque 1,5 Nm 1,5 Nm 1,5 Nm Weight - Cable Output 25g 25g	Electric Protection			
Cable LengthCam (PUR)2 m (PUR)Cable Section3x 0,15 mm²3x 0,15 mm²Housing MaterialStainless-SteelStainless-SteelStainless-SteelActive facePOMPOMPOMTightening torque1,5 Nm1,5 Nm1,5 NmWeight - Cable Output25g25g	Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Cable Section $3x 0,15 mm^2$ $3x 0,15 mm^2$ Housing MaterialStainless-SteelStainless-SteelStainless-SteelActive facePOMPOMPOMTightening torque1,5 Nm1,5 Nm1,5 NmWeight - Cable Output25g25g	Protection Degree	IP69K	IP69K	IP69K
Housing MaterialStainless-SteelStainless-SteelStainless-SteelActive facePOMPOMPOMTightening torque1,5 Nm1,5 Nm1,5 NmWeight - Cable Output25g25g	Cable Length		2 m (PUR)	2 m (PUR)
Active face POM POM POM Tightening torque 1,5 Nm 1,5 Nm 1,5 Nm Weight - Cable Output 25g 25g	Cable Section		3x 0,15 mm²	3x 0,15 mm²
Tightening torque 1,5 Nm 1,5 Nm 1,5 Nm Weight - Cable Output 25g 25g	Housing Material	Stainless-Steel	Stainless-Steel	Stainless-Steel
Weight - Cable Output 25g 25g	Active face	POM	POM	POM
	Tightening torque	1,5 Nm	1,5 Nm	1,5 Nm
Weight - Connector Output 14g	Weight - Cable Output		25g	25g
	Weight - Connector Output	14g		







SHORT STAINLESS STEEL

				FLL	JSH
				M8 conn	cable
NOMINAL SWITCH	ING DISTAN	CE		1,5 mm	1,5 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.		
10-30 Vdc	PNP NO	3 wires	order No.	IS-65-M1-S1 95B066080	IS-65-M1-03 95B064760
10-30 Vdc	PNP NC	3 wires	order No.	IS-65-M2-S1 95B066120	IS-65-M2-03 95B064800
10-30 Vdc	NPN NO	3 wires	order No.	IS-65-M3-S1 95B066000	IS-65-M3-03 95B064680
10-30 Vdc	NPN NC	3 wires	order No.	IS-65-M4-S1 95B066040	IS-65-M4-03 95B064720
10-30 Vdc	PNP NO-NC	4 wires	order No.		
10-30 Vdc	NPN NO-NC	4 wires	order No.		
10-30 Vdc	NO-NC	2 wires	order No.		
20-250 Vac/Vdc	NO	2 wires	order No.		
20-250 Vac/Vdc	NC	2 wires	order No.		
20-250 Vac	NO	2/3 wires	order No.		
10-30 Vdc	Analog 0-20 mA	3 wires	order No.		
NAMUR amplifier	NAMUR	2 wires	order No.		
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple				< 10%	< 10%
Hysteresis				< 10%	< 10%
Max. Output Current				200 mA	200 mA

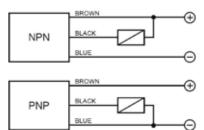
Residual Ripple	< 10%	< 10%
Hysteresis	< 10%	< 10%
Max. Output Current	200 mA	200 mA
Min. Output Current		
Residual Current	< 10 mA	< 10 mA
Voltage Drop	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Operation Led	Yellow	Yellow
Switching Frequency	1000 Hz	1000 Hz
Start Up Delay	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP69K	IP69K
Cable Length		
Cable Section		3x 0,14 mm²
Housing Material		
Housing Material	Stainless-Steel	Stainless-Steel
Active face	Stainless-Steel LCP	Stainless-Steel LCP
-		
Active face	LCP	LCP



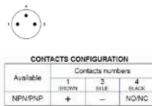
SHORT STAINLESS STEEL

NON FLUSH					
M8 conn	cable				
2 mm	2 mm				
IS-65-N1-S1	IS-65-N1-03				
95B066240	95B064920				
IS-65-N2-S1	IS-65-N2-03				
95B066280	95B064960				
IS-65-N3-S1	IS-65-N3-03				
95B066160	95B064840				
IS-65-N4-S1	IS-65-N4-03				
95B066200	95B064880				
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)				
< 10%	< 10%				
< 10%	< 10%				
200 mA	200 mA				
< 10 mA	< 10 mA				
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)				
Yellow	Yellow				
1000 Hz	1000 Hz				
< 50 ms	< 50 ms				
< 3%	< 3%				
Present (self-resetting)	Present (self-resetting)				
Against polarity reversal	Against polarity reversal				
inductive loads	inductive loads				
(-25 +70 °C)	(-25 +70 °C)				
IP69K	IP69K				
	3x 0,14 mm²				
Stainless-Steel	Stainless-Steel				
LCP	LCP				
	80 g				
40 g					

3 wires PNP or NPN

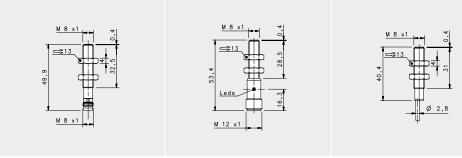


M8 3 pole



ODATALOGIC 37

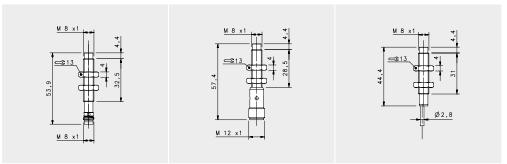




SHORT STAINLESS STEEL

					FLUSH	
				M8 conn	M12 conn	cable
NOMINAL SWITCH	ING DISTAN	CE		1,5 mm	1,5 mm	1,5 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.			
40.2014-	PNP	2	order No.	IS-08-M1-S1	IS-08-M1-S2	IS-08-M1-03
10-30 Vdc	NO	3 wires	order No.	95B066870	95B066600	95B066380
10-30 Vdc	PNP NC	3 wires	order No.	IS-08-M2-S1 95B066900	IS-08-M2-S2 95B066630	IS-08-M2-03 95B066600
40.001/1	NPN			IS-08-M3-S1	IS-08-M3-S2	IS-08-M3-03
10-30 Vdc	NO	3 wires	order No.	95B066820	95B066540	95B066340
10-30 Vdc	NPN NC	3 wires	order No.	IS-08-M4-S1 95B066840	IS-08-M4-S2 95B066570	IS-08-M4-03 95B066360
	PNP		order No.			
10-30 Vdc	NO-NC	4 wires	order No.			
10-30 Vdc	NPN	4 wires				
10-50 Vac	NO-NC	4 WITES	order No.			
10-30 Vdc	NO-NC	2 wires				
			order No.			
20-250 Vac/Vdc	NO	2 wires				
			order No.			
20-250 Vac/Vdc	NC	2 wires	order No.			
			order No.			
20-250 Vac	NO	2/3 wires	order No.			
10-30 Vdc	Analog	3 wires				
10-30 Vuc	0-20 mA	3 wires	order No.			
NAMUR amplifier	NAMUR	2 wires				
		2 00105	order No.			
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple				< 10%	< 10%	< 10%
Hysteresis				< 10%	< 10%	< 10%
Max. Output Curre	nt			200 mA	200 mA	200 mA
Min. Output Curre	nt					
Residual Current				< 10 mA	< 10 mA	< 10 mA
Voltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Operation Led				Yellow	Yellow	Yellow
Switching Freque	ncy			1000 Hz	1000 Hz	1000 Hz
Start Up Delay				< 50 ms	< 50 ms	< 50 ms
Repeatability				< 3%	< 3%	< 3%
Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protectior	ı			Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree				ІР69К	ІР69К	ІРб9К
Cable Length						
Cable Section						3x 0,14 mm²

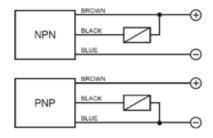
Housing Material Stainless-Steel Stainless-Steel Stainless-Steel LCP Active face LCP LCP * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog Tightening torque Weight - Cable Output 80 g -------Weight - Connector Output 35g 55g ---



SHORT STAINLESS STEEL

	NON FLUSH	
M8 conn	M12 conn	cable
2 mm	2 mm	2 mm
IS-08-N1-S1	IS-08-N1-S2	IS-08-N1-03
958066980	95B066710	95B066490
IS-08-N2-S1	IS-08-N2-S2	IS-08-N2-03
95B067010	95B066730	95B066510
IS-08-N3-S1	IS-08-N3-S2	IS-08-N3-03
95B066930	95B066660	95B066440
IS-08-N4-S1	IS-08-N4-S2	IS-08-N4-03
958066950	95B066680	95B066470
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%
< 10%	< 10%	< 10%
200 mA 	200 mA 	200 mA
< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow	Yellow
1000 Hz	1000 Hz	1000 Hz
< 50 ms	< 50 ms	< 50 ms
< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
ІРб9К	IP69K	IP69K
		3x 0,14 mm²
Stainless-Steel	Stainless-Steel	Stainless-Steel
LCP	LCP	LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
		80 g
35g	55g	

3 wires PNP or NPN



M12 3 pole



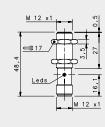
Sarchaser -		Contacts	numbers	
Available	1	2	3	4
(NO or NC)	+			NOINC

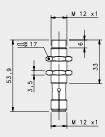
M8 3 pole



CONT	ACTS CON	FIGURAT	ION
Available	Con	facts nur	bers
	1 BROWN	3 HULE	4 BLACK
NPN/PNP	+	-	NO/NO

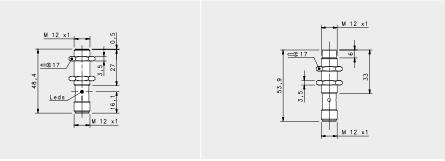






SHORT STAINLESS STEEL NON FLUSH FLUSH M12 conn M12 conn NOMINAL SWITCHING DISTANCE 4 mm 2 mm PNP/NPN ------10-30 Vdc 4 wires NO-NC order No. --------PNP IS-12-M1-S2 IS-12-N1-S2 10-30 Vdc 3 wires NO order No. 95B060240 95B060280 PNP IS-12-M2-S2 IS-12-N2-S2 10-30 Vdc 3 wires NC order No. 95B060250 95B060290 NPN IS-12-M3-S2 IS-12-N3-S2 10-30 Vdc 3 wires NO 95B060260 95B060300 order No. NPN IS-12-M4-S2 IS-12-N4-S2 10-30 Vdc 3 wires NC 95B060270 95B060310 order No. PNP ------10-30 Vdc 4 wires NO-NC order No. ------NPN ------10-30 Vdc 4 wires NO-NC -------order No. ------10-30 Vdc NO-NC 2 wires order No. -------------20-250 Vac/Vdc NO 2 wires order No. ------------20-250 Vac/Vdc NC 2 wires order No. -------------20-250 Vac NO 2/3 wires order No. -------Analog 0-20 mA -------10-30 Vdc 3 wires -------order No. ------NAMUR NAMUR amplifier 2 wires order No. ---

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%
Hysteresis	< 10%	< 10%
Max. Output Current	200 mA	200 mA
Min. Output Current		
Residual Current	< 10 mA	< 10 mA
Voltage Drop	< 1,8 V (I=100mA)	< 1,8 V (I=100mA)
Operation Led	Yellow	Yellow
Switching Frequency	1000 Hz	1000 Hz
Start Up Delay	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP69K	IP69K
Cable Length		
Cable Section		
Housing Material	Stainless-Steel	Stainless-Steel
Active face	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output		
Weight - Connector Output	60 g	60 g



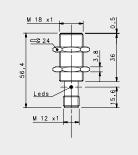
	LESS STEEL X2
FLUSH	NON FLUSH
M12 conn	M12 conn
4 mm	8 mm
IS-12-01-52	IS-12-P1-S2
95B060000	95B060040
IS-12-02-52	IS-12-P2-S2
95B060010	95B060050
IS-12-03-S2	IS-12-P3-S2
95B060020	95B060060
IS-12-04-52	IS-12-P4-S2
95B060030	95B060070
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%
< 10%	< 10%
200 mA	200 mA
< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow
500 Hz	500 Hz
< 75 ms	< 75 ms
< 3%	< 3%
Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)
IP69K	ІРб9К
Stainless-Steel	Stainless-Steel
LCP	LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog

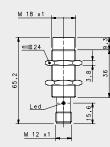
M12 3 pole



CC	ONTACTS	CONFIGU	RATION	
Carrier and Carrie		Contacts	numbers	
Available	1	2	3	4
(NO or NC)	+	· · · · ·	220	NO/NO



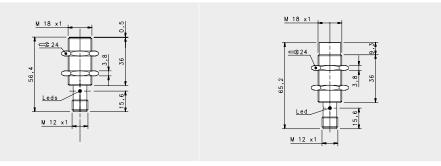




SHORT STAINLESS STEEL FLUSH NON FLUSH M12 conn M12 conn 5 mm 8 mm

NOMINAL SWITCH	ING DISTAN	Œ		5 mm	8 mm	
10-30 Vdc	PNP/NPN	4 wires				
	NO-NC		order No.			
10-30 Vdc	PNP	3 wires		IS-18-M1-S2	IS-18-N1-S2	
	NO		order No.	95B060320	95B060360	
10-30 Vdc	PNP	3 wires		IS-18-M2-S2	IS-18-N2-S2	
10 50 142	NC	Swites	order No.	95B060330	95B060370	
10-30 Vdc	NPN	3 wires		IS-18-M3-S2	IS-18-N3-S2	
	NO	2 WIIES	order No.	95B060340	95B060380	
10-30 Vdc	NPN	3 wires		IS-18-M4-S2	IS-18-N4-S2	
10-50 Vuc	NC	5 wires	order No.	95B060350	95B060390	
10 2014-	PNP	1				
10-30 Vdc	NO-NC	4 wires	IO-NC 4 wires	order No.		
10.2014-	NPN	4 wires				
10-30 Vdc	NO-NC			order No.		
40.001/1	10.10	<u> </u>				
10-30 Vdc	NO-NC	2 wires	order No.			
20.25014 444	10	<u> </u>				
20-250 Vac/Vdc	NO	2 wires	order No.			
20.25014 444	110	<u> </u>				
20-250 Vac/Vdc	NC	2 wires	order No.			
20.2501/						
20-250 Vac	NO	2/3 wires	order No.			
	Analog					
10-30 Vdc	0-20 mA	3 wires	order No.			
NAMUD amplifier	NAMUR	Zwiroc				
NAMUR amplifier	NAMUR	2 wires	order No.			

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%
Hysteresis	< 10%	< 10%
Max. Output Current	200 mA	200 mA
Min. Output Current		
Residual Current	< 10 mA	< 10 mA
Voltage Drop	< 1,8 V (I=100mA)	< 1,8 V (I=100mA)
Operation Led	Yellow	Yellow
Switching Frequency	1000 Hz	1000 Hz
Start Up Delay	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP69K	IP69K
Cable Length		
Cable Section		
Housing Material	Stainless-Steel	Stainless-Steel
Active face	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output		
Weight - Connector Output	95g	95g



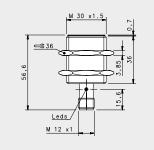
SHORT STAIN	LESS STEEL X2
FLUSH	NON FLUSH
M12 conn	M12 conn
8 mm	14 mm
IS-18-01-52	IS-18-P1-S2
95B060080	95B060120
IS-18-02-S2	IS-18-P2-S2
95B060090	95B060130
IS-18-03-52	IS-18-P3-S2
95B060100	95B060140
IS-18-04-52	IS-18-P4-S2
95B060110	95B060150
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%
< 10%	< 10%
200 mA	200 mA
< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow
200 Hz	200 Hz
< 75 ms	< 75 ms
< 3%	< 3%
Present (self-resetting)	Present (self-resetting)
Against polarity reversal	Against polarity reversal
inductive loads	inductive loads
(-25 +70 °C)	(-25 +70 °C)
IP69K	IP69K
Stainless-Steel	Stainless-Steel
LCP	LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
95g	95g

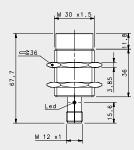
M12	3	DO	le
14112	_	PU	



0	ONTACTS	CONFIGU	RATION	
Available		Contacts	numbers	
AVAILADIA	1	2	3	4
(NO or NC)	+		123	NOINC



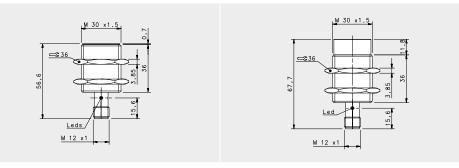




SHORT STAINLESS STEEL

				FLUSH	NON FLUSH	
				M12 conn	M12	
NOMINAL SWITCH	ING DISTAN	CE		10 mm	15 mm	
10-30 Vdc	PNP/NPN	4 wires				
10-30 440	NO-NC	4 wires	order No.			
10-30 Vdc	PNP	3 wires		IS-30-M1-S2	IS-30-N1-S2	
10-30 440	NO	2 MILES	order No.	95B060400	95B060440	
10-30 Vdc	PNP	3 wires		IS-30-M2-S2	IS-30-N2-S2	
10-30 440	NC	2 MILES	order No.	95B060410	95B060450	
10-30 Vdc	NPN	3 wires		IS-30-M3-S2	IS-30-N3-S2	
10-30 440	NO	JWIES	order No.	95B060420	95B060460	
10-30 Vdc	NPN	3 wires		IS-30-M4-S2	IS-30-N4-S2	
10-50 vuc	NC	5 WIIES	order No.	95B060430	95B060470	
10-30 Vdc	PNP	4 wires				
10-50 Vuc	NO-NC	4 wires	order No.			
10-30 Vdc	NPN	(wires				
10-50 Vuc	NO-NC	4 wires	order No.			
10-30 Vdc	NO-NC	2 wires	Zwiroc			
10-50 Vuc	NU-NC		order No.			
20-250 Vac/Vdc	NO	2 wires				
20-250 Vac/ Vuc	NO	2 WIIES	order No.			
20-250 Vac/Vdc	NC	NC 2 wires				
20-230 Vac/ Vac	NC .		order No.			
20-250 Vac	NO	0 2/3wires				
20-230 Vac	NO	2/ 5 101125	order No.			
10-30 Vdc	Analog	3 wires				
10-30 440	0-20 mA	JWIIES	order No.			
NAMUR amplifier	NAMID	AMUR 2 wires	AMUR 2 wires			
	NAMOR			2 WIES	2 WIIES	order No.
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
Residual Ripple				< 10%	< 10%	
Hysteresis				< 10%	< 10%	
Max. Output Curre	nt			200 mA	200 mA	
Min. Output Curre						
Residual Current				< 10 mA	< 10 mA	
Voltage Drop				< 1,8 V (I=100mA)	< 1,8 V (I=100mA)	

Min. Output Current		
Residual Current	< 10 mA	< 10 mA
Voltage Drop	< 1,8 V (I=100mA)	< 1,8 V (I=100mA)
Operation Led	Yellow	Yellow
Switching Frequency	300 Hz	300 Hz
Start Up Delay	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP69K	IP69K
Cable Length		
Cable Section		
Housing Material	Stainless-Steel	Stainless-Steel
Active face	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output		
Weight - Connector Output	170 g	170 g



SHORT STAIN	LESS STEEL X2
FLUSH	NON FLUSH
M12 conn	M12 conn
15 mm	20 mm
IS-30-01-S2	IS-30-P1-S2
95B060160	958060200
IS-30-02-S2	IS-30-P2-S2
95B060170	95B060210
IS-30-03-S2	IS-30-P3-S2
95B060180	95B060220
IS-30-04-52	IS-30-P4-S2
95B060190	95B060230
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%
< 10%	< 10%
200 mA	200 mA
< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow
100 Hz	100 Hz
< 75 ms	< 75 ms
< 3%	< 3%
Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)
IP69K	ІР69К
Stainless-Steel	Stainless-Steel
LCP	LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
170 g	170 g

M12 3 pole

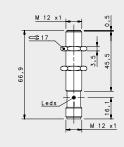


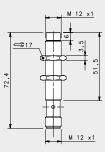
0	ONTACTS	CONFIGU	RATION		
Available	Contacts numbers				
Available .	1	2	3	4	
(NO or NC)	+		20	NOINC	

ΦΟΛΤΑLOGIC 45

WELD FIELD IMMUNE M12







Stainless-Steel

PTFE

10 Nm

23g

FIELD IMMUNE STAINLESS STEEL

				FLUSH	NON FLUSH		
				M12 conn	M12 conn		
NOMINAL SWITCHING DISTANCE			2 mm	4 mm			
10-30 Vdc	PNP/NPN	4 wires					
10-50 Vul	NO-NC	4 wires	order No.				
10-30 Vdc	PNP	3 wires		IS-F12-S1-S2	IS-F12-T1-S2		
10 50 142	NO	5 Wiles	order No.	95B065360	95B065370		
10-30 Vdc	PNP	3 wires					
	NC		order No.				
10-30 Vdc	NPN NO	3 wires	order No.				
	NPN		order No.				
10-30 Vdc	NC	3 wires	order No.				
	PNP		order No.				
10-30 Vdc	NO-NC	4 wires	order No.				
	NPN						
10-30 Vdc	NO-NC	4 wires	order No.				
10.201/4-	NO-NC	Quines					
10-30 Vdc	NU-NC	2 wires	order No.				
20-250 Vac/Vdc	NO	2 wiros	2 wires	2 wires			
20-250 vac/ vac	NO	2 WIIES	order No.				
20-250 Vac/Vdc	NC	2 wires					
			order No.				
20-250 Vac	NO	2/3 wires					
			order No.				
10-30 Vdc	Analog 0-20 mA	3 wires	3 wires	audau Na			
	0-20 MA		order No.				
NAMUR amplifier	NAMUR	2 wires	order No.				
			order No.				
Nominal Voltage				10-30 Vdc	10-30 Vdc		
Residual Ripple				< 10%	< 10%		
Hysteresis				< 15%	< 15%		
, Max. Output Curre	nt			200 mA	200 mA		
Min. Output Curre				< 10mA	< 10mA		
Residual Current				< 0,1 mA	< 0,1 mA		
Voltage Drop				< 1,5V	< 1,5V		
Operation Led				Present	Present		
Switching Frequency			2000 Hz	1000 Hz			
Start Up Delay			< 0,1 ms	< 0,1 ms			
			< 1%	< 1%			
Repeatability Short Circuit Protection			<pre> Present (self-resetting) </pre>	۲۶ Present (self-resetting)			
Short Circuit Prote	201011			-	-		
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads		
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)		
Protection Degree				IP67	IP67		
Cable Length							
C 11 C 11							

Stainless-Steel

PTFE

10 Nm

25g

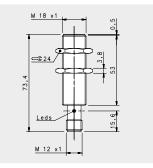
Cable Section

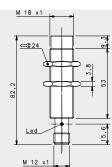
Active face

Housing Material

WELD FIELD IMMUNE M18







FIELD IMMUNE STAINLESS STEEL

				FLUSH	NON FLUSH
				M12 conn	M12 conn
NOMINAL SWITCH	IING DISTAN	Œ		5 mm	8 mm
10-30 Vdc	PNP/NPN	4 wires			
	NO-NC		order No.		
10-30 Vdc	PNP NO	3 wires	order No.	IS-F18-S1-S2 95B065380	IS-F18-T1-S2 95B065390
			oruer NU.		
10-30 Vdc	PNP NC	3 wires	order No.		
10-30 Vdc	NPN	3 wires			
10-30 Vul	NO	5 WILES	order No.		
10-30 Vdc	NPN	3 wires			
	NC		order No.		
10-30 Vdc	PNP NO-NC	4 wires	order No.		
	NPN				
10-30 Vdc	NO-NC 4 wires	4 wires	order No.		
10-30 Vdc	NO-NC 2 wire	2 wires			
		2 001103	order No.		
20-250 Vac/Vdc	NO	0 2 wires			
	-		order No.		
20-250 Vac/Vdc	NC	2 wires	order No.		
			order NO.		
20-250 Vac	NO	2/3 wires	order No.		
10-30 Vdc	Analog	3 wires			
10-50 VUL	0-20 mA		order No.		
NAMUR amplifier NAM	NAMUR	2 wires			
			order No.		
Nominal Voltage				10-30 Vdc	10-30 Vdc
Residual Ripple				< 10%	< 10%
Hysteresis				< 15%	< 15%

Noninal Voltage	10 30 440	10 30 142
Residual Ripple	< 10%	< 10%
Hysteresis	< 15%	< 15%
Max. Output Current	200 mA	200 mA
Min. Output Current	< 10mA	< 10mA
Residual Current	< 0,1 mA	< 0,1 mA
Voltage Drop	< 1,5V	< 1,5V
Operation Led	Present	Present
Switching Frequency	1000 Hz	500 Hz
Start Up Delay	< 0,2 ms	< 0,5 ms
Repeatability	< 1%	< 1%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67
Cable Length		
Cable Section		
Housing Material	Stainless-Steel	Stainless-Steel
Active face	PTFE	PTFE
Tightening torque	30 Nm	30 Nm
Weight - Cable Output		
Weight - Connector Output	94g	91g