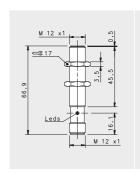
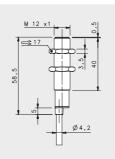
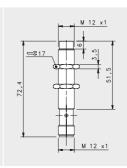
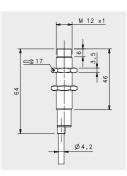
BASIC M12



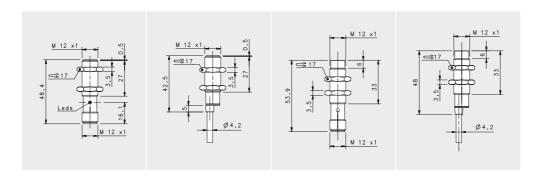








				STANDARD				
				FLUSH		NON FLUSH		
				M12 conn	cable	M12 conn	cable	
IOMINAL SWITCH	HING DISTAN	CE		2 mm	2 mm	4 mm	4 mm	
10-30 Vdc	PNP/NPN	4 wires		IS-12-A0-S2	IS-12-A0-03	IS-12-C0-S2	IS-12-C0-03	
	NO-NC	4 Wires	order No.	95B064060	95B064030	95B064080	95B064040	
10 20 1/4-	PNP 3	2		IS-12-A1-S2	IS-12-A1-03	IS-12-C1-S2	IS-12-C1-03	
10-30 Vdc	NO	3 wires	order No.	95B061251	95B061241	95B061651	95B061641	
10-30 Vdc	PNP	3 wires		IS-12-A2-S2	IS-12-A2-03	IS-12-C2-S2	IS-12-C2-03	
10-30 Vac	NC		order No.	95B061281	95B061271	95B061681	95B061671	
10 20 1/4-	NPN NO	3 wires		IS-12-A3-S2	IS-12-A3-03	IS-12-C3-S2	IS-12-C3-03	
10-30 Vdc			order No.	95B061191	95B061181	95B061591	95B061581	
10-30 Vdc	NPN NC	3 wires		IS-12-A4-S2	IS-12-A4-03	IS-12-C4-S2	IS-12-C4-03	
			order No.	95B061221	95B061211	95B061621	95B061611	
10 20 1/4-	PNP NO-NC	3 wires						
10-30 Vdc			order No.					
10. 20.111	NPN NO-NC	3 wires						
10-30 Vdc			order No.					
10. 20.111	NO-NC	2 wires		IS-12-A9-S2	IS-12-A9-03	IS-12-C9-S2	IS-12-C9-03	
10-30 Vdc			order No.	95B063931	95B064100	95B064140	95B064110	
20.2501/ ///	NO	2 wires						
20-250 Vac/Vdc			order No.					
20. 250.14 .011	NC	2 wires						
20-250 Vac/Vdc			order No.					
20-250 Vac/Vdc		2/3 wires						
	NO		order No.					
Analog 0-20mA	-	3 wires						
			order No.					
		2 wires						
5+24 Vdc	NAMUR		order No.					
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
0				< 10%	< 10%	< 10%	< 10%	
Residual Ripple Hysteresis				< 10%	< 10%	< 10%	< 10%	
nysteresis Max. Output Curre	nt			200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	
Max. Output Curre Min. Output Curre								
	HIL			> 1,6 mA (2wires)	> 1,6 mA (2wires)	> 1,6 mA (2wires)	> 1,6 mA (2wires)	
Residual Current				< 10mA; < 1,6 mA (2wires)	< 10mA; < 1,6 mA (2wires)	< 10mA; < 1,6 mA (2wires)	< 10mA; < 1,6 mA (2wires	
Voltage Drop				< 1,8V; < 6,5 V (2wires) Yellow	< 1,8V; < 6,5 V (2wires) Yellow	< 1,8V; < 6,5 V (2wires) Yellow	< 1,8V; < 6,5 V (2wires) Yellow	
Operation Led				1000 Hz		1000 Hz	1000 Hz	
Switching Freque	псу			< 50 ms	1000 Hz < 50 ms			
Start Up Delay				< 50 ms < 3%	< 50 ms			
Repeability Short Circuit Protection		< 3%	< 3% Present (self-resetting)		< 3% Present (self-resetting)			
onort Circuit Prote	ection			Present (self-resetting)	, 0,	Present (self-resetting)	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Electric Protection	1			Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversa 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			2/3/4 x 0,25 mm²		2/3/4 x 0,25 mm²			
Housing Material		Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass			
Weight - Cable Output					110 g		110 g	
Weight - M12 Connector Output				60 g		60 g		



SHORT								
FLL		NON FLUSH						
M12 conn	cable	M12conn	cable					
2 mm	2 mm	4 mm	4 mm					
2111111								
 IC 12 D1 C2	 IC 42 D4 02	 IC 42 D4 C2	 IC 42 D4 02					
IS-12-B1-S2 95B062051	IS-12-B1-03 95B062041	IS-12-D1-S2 95B062451	IS-12-D1-03 95B062441					
IS-12-B2-S2	IS-12-B2-03	IS-12-D2-S2	IS-12-D2-03					
95B062081	95B062071	95B062481	95B062471					
IS-12-B3-S2	IS-12-B3-03	IS-12-D3-S2	IS-12-D3-03					
95B061991	95B061981	95B062391	95B062381					
IS-12-B4-S2	IS-12-B4-03	IS-12-D4-S2	IS-12-D4-03					
95B062021	95B062011	95B062421	95B062411					
10 20 \/dc/ 15 /10%\	10 20 Vdc/ 15 /10%	10 20 \/dc/ 15 /10%\	10 20 \/dc / 15 /10%\					
10-30 Vdc (-15/10%) < 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 inductive loads								
(-25 +60 °C)	(-25 +70 °C)	(-25 +60 °C)	(-25 +70 °C)					
IP67	IP67	IP67	IP67					
	2 m		2 m					
	3 x 0,25 mm²		3 x 0,25 mm²					
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass					
	110 g		110 g					
60 g		60 g						