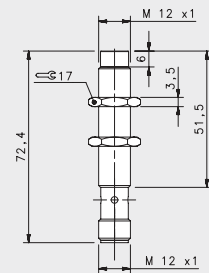
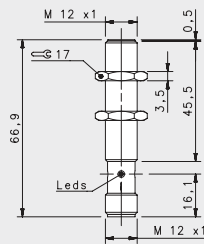


BASIC M12



STANDARD X2

NOMINAL SWITCHING DISTANCE

				FLUSH	NON FLUSH
				M12 conn	M12 conn
				4 mm	8 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	PNP NO	3 wires	order No.	IS-12-E1-S2 95B067030	IS-12-F1-S2 95B067020
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	3 wires	order No.	---	---
10-30 Vdc	NPN NO-NC	3 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/Vdc	NO	2/3 wires	order No.	---	---
Analog 0-20mA	-	3 wires	order No.	---	---
5+24 Vdc	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	100 mA	100 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	500 Hz	500 Hz
Start Up Delay	< 75 ms	< 75 ms
Repeability	< 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	---	---
Cable Section	---	---
Housing Material	Nickel-plated brass	Nickel-plated brass
Weight - Cable Output	---	---
Weight - M12 Connector Output	60 g	60 g

SHORT X2							
FLUSH				NON FLUSH			
M12 con		cable		M12 conn		cable	
4 mm		4 mm		8 mm		8 mm	
IS-12-G0-S2		IS-12-G0-O3		IS-12-H0-S2		IS-12-H0-O3	
95B064070		95B063841		95B064090		95B064050	
IS-12-G1-S2		IS-12-G1-O3		IS-12-H1-S2		IS-12-H1-O3	
95B063371		95B063361		95B063451		95B063441	
IS-12-G2-S2		IS-12-G2-O3		IS-12-H2-S2		IS-12-H2-O3	
95B063391		95B063381		95B063471		95B063461	
IS-12-G3-S2		IS-12-G3-O3		IS-12-H3-S2		IS-12-H3-O3	
95B063331		95B063321		95B063411		95B063401	
IS-12-G4-S2		IS-12-G4-O3		IS-12-H4-S2		IS-12-H4-O3	
95B063351		95B063341		95B063431		95B063421	
IS-12-G5-S2		IS-12-G5-O3		IS-12-H5-S2		IS-12-H5-O3	
95B062691		95B062681		95B062771		95B062761	
IS-12-G6-S2		IS-12-G6-O3		IS-12-H6-S2		IS-12-H6-O3	
95B062671		95B062661		95B062751		95B062741	
IS-12-G9-S2		IS-12-G9-O3		IS-12-H9-S2		IS-12-H9-O3	
95B064130		95B063801		95B064150		95B064120	
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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.)		> 1,6 mA (2wires ver.)		> 1,6 mA (2wires ver.)		> 1,6 mA (2wires ver.)	
< 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	
500 Hz		500 Hz		500 Hz		500 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 inductive loads		Against polarity reversal inductive loads		Against polarity reversal inductive loads		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 0,25 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		---	