

# INDUCTIVE SENSORS Ø 4mm

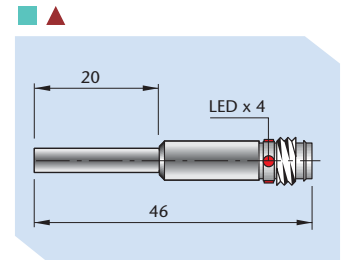
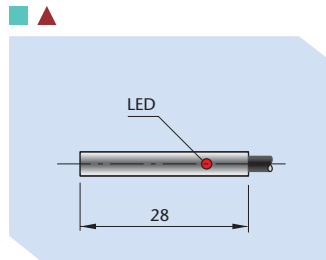


CYLINDRICAL HOUSING  
3 WIRES D.C.  
CONFORMING TO EN 50044  
VERSION-C

- STANDARD
- ▲ EMBEDDABLE (FLUSH MOUNTING)

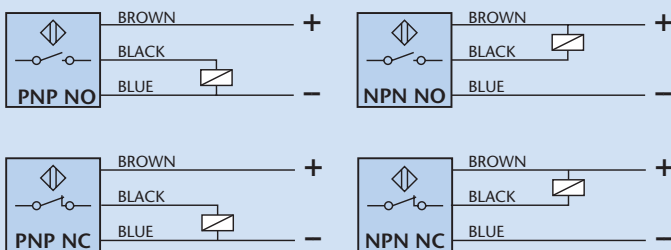
## TECHNICAL CHARACTERISTICS

Dimensions mm



AMPLIFIED 3 WIRES D.C.	NPN	NO	SI4 - C 0.8 NPN NO	SI4 - C 0.8 NPN NO H1
		NC	SI4 - C 0.8 NPN NC	SI4 - C 0.8 NPN NC H1
	PNP	NO	SI4 - C 0.8 PNP NO	SI4 - C 0.8 PNP NO H1
		NC	SI4 - C 0.8 PNP NC	SI4 - C 0.8 PNP NC H1
Switching distance (Sn)	mm		0.8	0.8
Continuous voltage (residual ripple ≤10%)	V			6 ÷ 30
Hysteresis (%Sn)	mm			< 10%
Switching frequency	Hz			2000
Repeatability	% of Sn			≤ 3
Max output current	mA			150
Absorption at 24Vdc	mA			< 10
Voltage drop (sensor ON)	V			< 1.4
Short circuit protection				Incorporated
Led				Incorporated
Temperature limits	°C			- 25 ÷ + 70
Degree of protection	IP		67	Depending on connector
Housing				Stainless steel
Cable SALGUM	2m		3 x 0.14 mm <sup>2</sup>	
Connector plug				H1

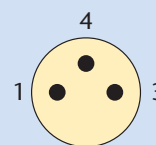
## WIRING DIAGRAMS



N.B.: On request is available cable for sensors with different length  
3.5 - 7.5 - 5 - 10 metres.

## CONNECTION WITH H1 PLUG

FOR THE CONNECTORS SEE PAGE 85



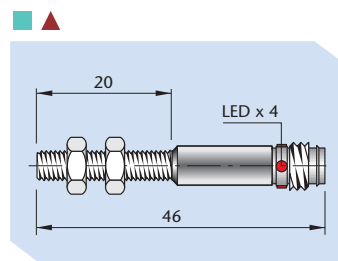
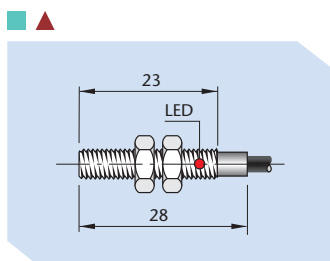
VIEW OF MALE CONNECTOR H1:  
1 = Brown / +  
3 = Blue / -  
4 = Black / output NPN-PNP / NO-NC

# INDUCTIVE SENSORS M5 x 0.5

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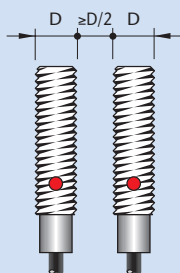
INDUCTIVE



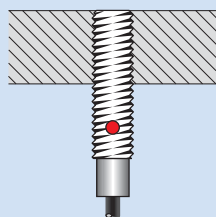
S15 - C 0.8 NPN NO	S15 - C 0.8 NPN NO H1
S15 - C 0.8 NPN NC	S15 - C 0.8 NPN NC H1
S15 - C 0.8 PNP NO	S15 - C 0.8 PNP NO H1
S15 - C 0.8 PNP NC	S15 - C 0.8 PNP NC H1
0.8	0.8
6 ÷ 30	
< 10%	
2000	
≤ 3	
150	
< 10	
< 1.4	
Incorporated	
Incorporated	
- 25 ÷ + 70	
67	Depending on connector
Stainless steel	
3 x 0.14 mm <sup>2</sup>	
	H1

## INSTRUCTIONS FOR CORRECT INSTALLATION

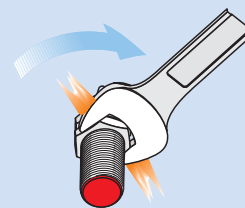
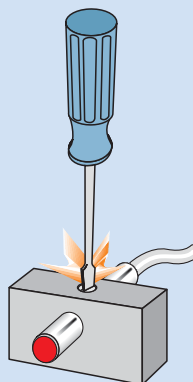
### EMBEDDABLE



Side by side mounting



Flush mounting



Attention, please use care to prevent mechanical damage. (See page 4)