

Cylindrical SI4

INDUCTIVE SENSORS Ø 4mm



CYLINDRICAL HOUSING

3 WIRES D.C.

CONFORMING TO EN 50044

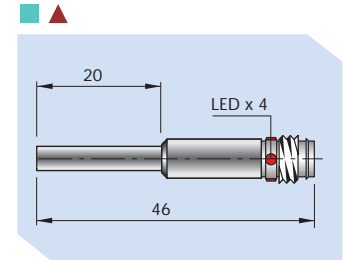
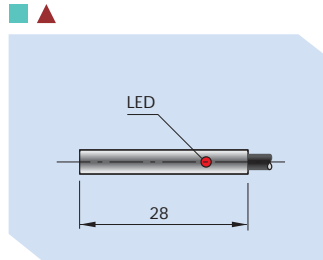
VERSION-C

■ STANDARD

▲ EMBEDDABLE (FLUSH MOUNTING)

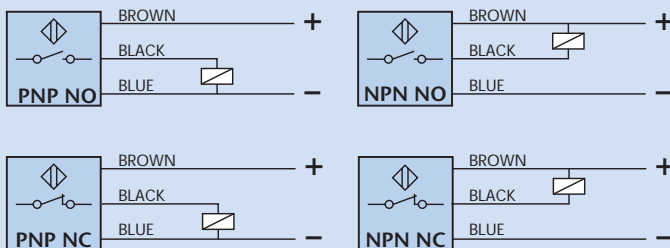
TECHNICAL CHARACTERISTICS

Dimensions mm

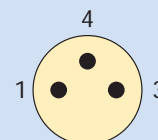


AMPLIFIED 3 WIRES D.C.	NPN	NO	SI4 - C 0.8 NPN NO	SI4 - C 0.8 NPN NO H1
		NC	SI4 - C 0.8 NPN NC	SI4 - C 0.8 NPN NC H1
	PNP	NO	SI4 - C 0.8 PNP NO	SI4 - C 0.8 PNP NO H1
		NC	SI4 - C 0.8 PNP NC	SI4 - C 0.8 PNP NC H1
Switching distance (Sn)	mm	0.8		0.8
Continuous voltage (residual ripple ≤10%)	V	6 ÷ 30		
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		
IP rating	IP	67	Depending on connector	
Housing		Stainless steel		
Cable SALGUM	2m	3 x 0.14 mm ²		
Connector plug				H1

WIRING DIAGRAMS



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

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

Cylindrical SI5

INDUCTIVE SENSORS M5 x 0.5

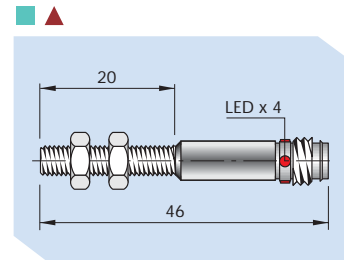
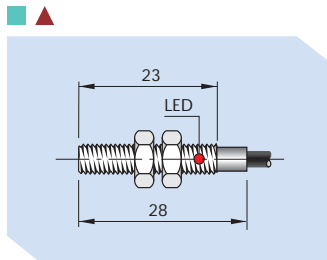


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VERSION-C



SI5 - C 0.8 NPN NO

SI5 - C 0.8 NPN NC

SI5 - C 0.8 PNP NO

SI5 - C 0.8 PNP NC

0.8

SI5 - C 0.8 NPN NO H1

SI5 - C 0.8 NPN NC H1

SI5 - C 0.8 PNP NO H1

SI5 - C 0.8 PNP NC H1

0.8

6 ÷ 30

< 10%

2000

≤ 3

150

< 10

< 1.4

Incorporated

Incorporated

- 25 ÷ + 70

67

Depending on connector

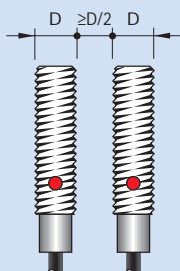
Stainless steel

3 x 0.14 mm²

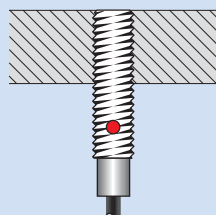
H1

INSTRUCTIONS FOR CORRECT INSTALLATION

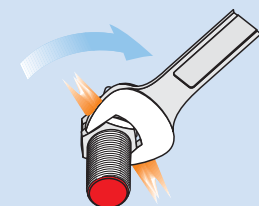
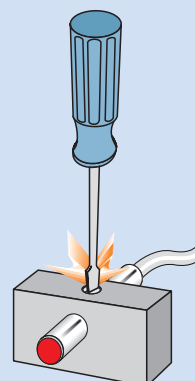
EMBEDDABLE



Side by side mounting



Flush mounting



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