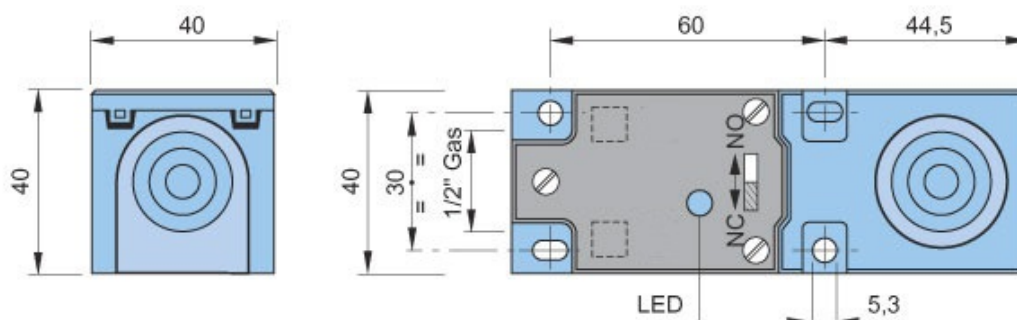


Part number: **SIP000087** Model: **SIP40-AE20 NO/NC**



Dimension in mm

1. TECHNICAL CHARACTERISTICS



Electrical data

Power supply type:	Alternating current
Working voltage:	[V] 20 ÷ 250
Protection class:	III

Outputs

Function:	NO/NC programmable
Max voltage drop:	[V] < 6
Max output current:	[mA] 300
Minimum output current:	[mA] 5
Max peak current:	[A] 1.5
Residual current:	[mA] < 1
Max switching frequency:	[Hz] 12

Detection zone

Switching distance-Sn:	[mm] 20
Real sensing distance-Sr:	[mm] 20 ±10%
Operative distance-So:	[mm] 0 ÷ 16.20

Accuracy and Deviations

Correction factor:	Stainless steel: 0.9 - Brass: 0.5 - Aluminium: 0.4 - Copper: 0.4
Hysteresis:	[%Sr] < 10
Switching point drift:	[%Sr] -1
Repeatability:	[%Sn] < 3

Environmental conditions

Temperature limits:	[°C] -25°C ÷ +70°C
IP rating:	IP65

Display and control elements

Display:	Output switching status - 1 x LED: Yellow
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Mechanical data

Housing:		Parallelepiped
Dimensions:	[mm]	40 x 40 x 114
Materials:		Housing: PC blue - Sensing area: PC blue
Mounting:		Not embeddable
Weight:	[g]	200

Electrical connection

Terminal block:	2-pole terminal block
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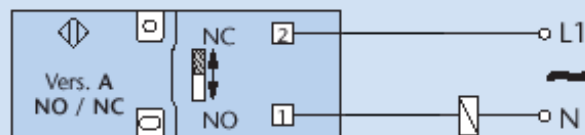
Compliance to Standards / Directives

Directives compliance:	2014/30/EU -Electromagnetic compatibility directive (EMC) 2014/35/UE -Low voltage directive (LVD)
Standards compliance:	EN60947-5-2 - Product standard

2. NORME DI INSTALLAZIONE

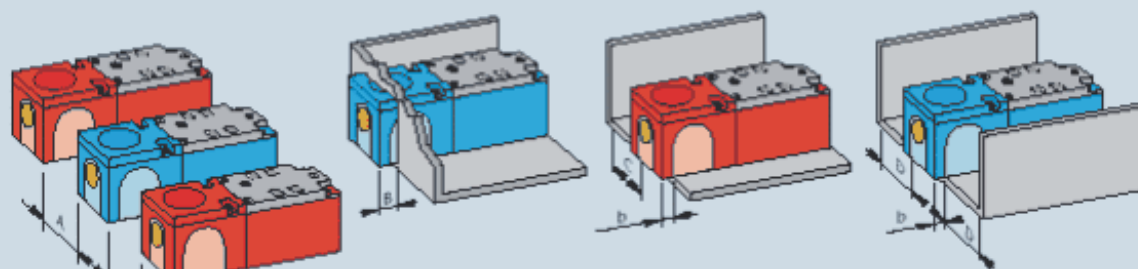
WIRING DIAGRAM

CONNECTIONS WITH TERMINAL BLOCK



INSTRUCTIONS FOR CORRECT INSTALLATION

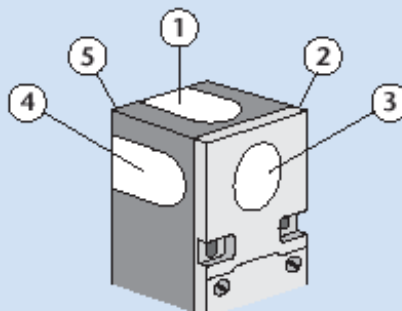
INSTRUCTIONS FOR CORRECT INSTALLATION



• The installation example makes reference to the areas marked yellow

Dimensions mm	AB	b	C	D	
SIP 40 	≥30	≥6	≥0	≥0	≥0
SIP 40 	≥50	≥40	≥15	≥10	≥15

Titolo img 1

ADJUSTABLE SENSITIVITY SIP 40

NOTE: In the SIP 40 sensor the oscillator is contained in a module which clips into the body whose surface can then be sensitive on five different positions. The surface chosen can be identified by applying the circular adhesive label.