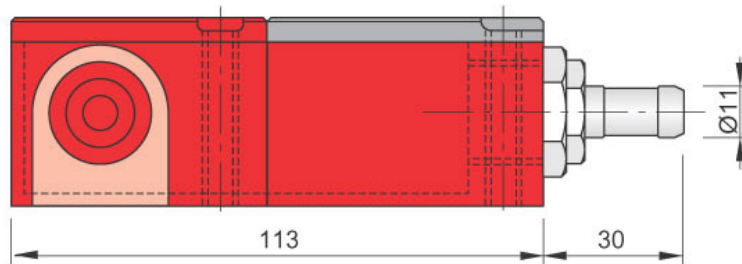


Part number: **SIP000103** Model: **SIP40-CE20 PNP NO+NC LC2**



Version with cable exit - side view (IP67)

Dimension in mm



1. TECHNICAL CHARACTERISTICS

Electrical data

Power supply type:		Direct current
Working voltage:	[V]	10 ÷ 55
Current consumption:	[mA]	< 10 mA @ 24Vdc
Protection class:		III
Reverse polarity protection:		Presente

Outputs

Electrical design:		PNP
Function:		NO+NC
Max voltage drop:	[V]	< 1.8
Max output current:	[mA]	200
Max switching frequency:	[Hz]	300
Short circuit protection:		Present
Overload protection:		Present

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]	-10 ÷ +10
Repeatability:	[%Sn]	< 3

Environmental conditions

Temperature limits:	[°C]	-25 ÷ +70
IP rating:		IP65-IP66-IP67

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 red - Sensing area: PC red
Mounting:	Not embeddable
Weight:	[g] 280

Electrical connection

Cable:	2 m - PVC/PVC - 4 x 0.25 mm ²
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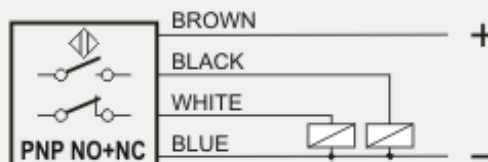
Compliance to Standards / Directives

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

2. NORME DI INSTALLAZIONE

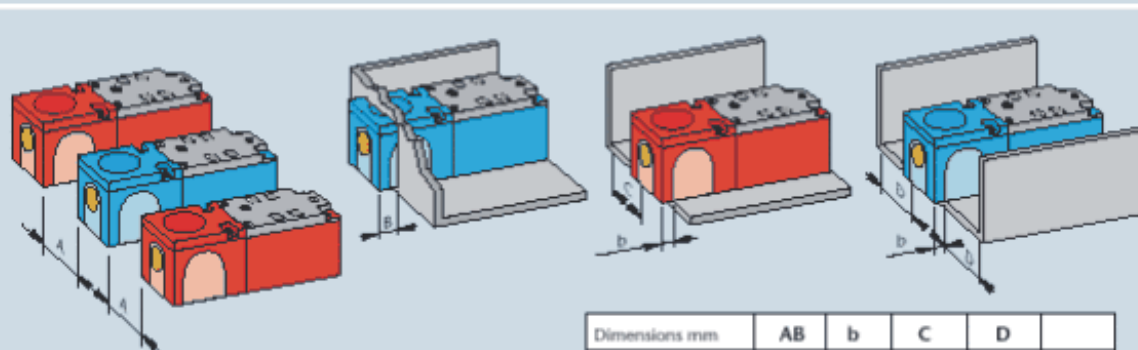
WIRING DIAGRAM

4 WIRES CABLE - LOGIC PNP NO+NC



INSTRUCTIONS FOR CORRECT INSTALLATION

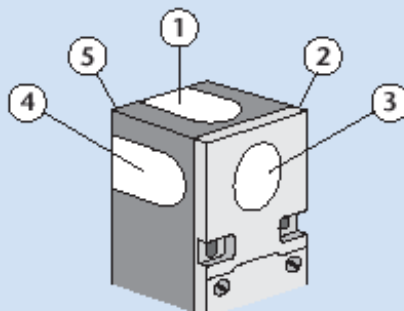
INSTRUCTIONS FOR CORRECT INSTALLATION



• 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.