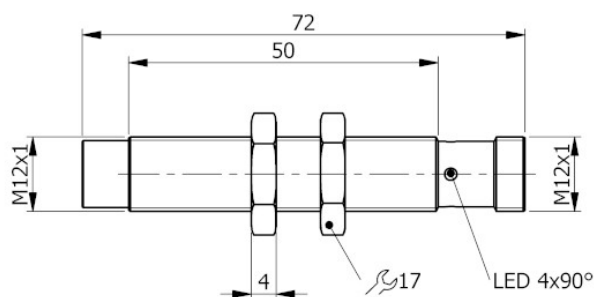


Part number: **I12000108** Model: **SI12-CE4 PNP NO H**



Dimension in mm



1. TECHNICAL CHARACTERISTICS

Electrical data

Power supply type:	Direct current
Working voltage: [V]	10 ÷ 30
Current consumption: [mA]	< 15 mA @ 24Vdc
Protection class:	III
Reverse polarity protection:	Presente

Outputs

Electrical design:	PNP
Function:	NO
Max voltage drop: [V]	< 1.8
Max output current: [mA]	200
Max switching frequency: [Hz]	1000
Short circuit protection:	Present
Type of short-circuit protection:	Pulsed
Overload protection:	Present

Detection zone

Switching distance-Sn: [mm]	4
Real sensing distance-Sr: [mm]	4 ±10%
Operative distance-So: [mm]	0 ÷ 3.24

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 ÷ +85
IP rating:	IP65-IP66-IP67 (depending on connector)

Display and control elements

Display:	Output switching status - 4 x 90° LED: Yellow
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Mechanical data

Housing:	Threded type
Thread designation:	M12x1
Dimensions:	[mm] M12x1 - L=74.5
Materials:	Housing: Nickel-plated brass - Sensing area: POM red - Lock nuts: Nickel-plated brass
Mounting:	Not embeddable
Weighth:	[g] 40

Electrical connection

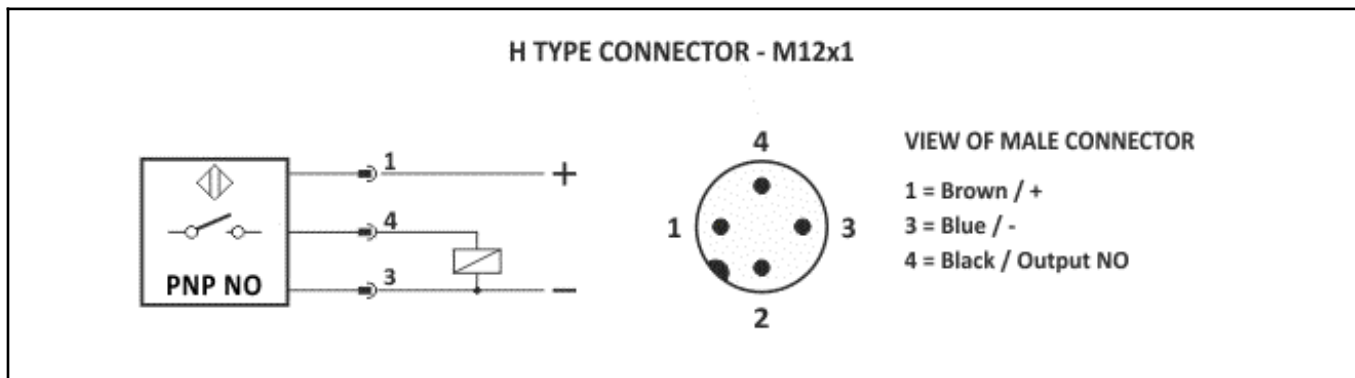
Connector:	H type - M12X1 - Gold plated contacts
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Compliance to Standards / Directives

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

2. NORME DI INSTALLAZIONE

WIRING DIAGRAM



INSTRUCTIONS FOR CORRECT INSTALLATION

