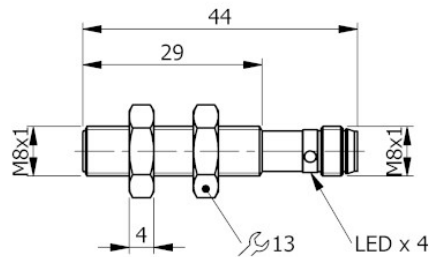


Part number: **I08000012** Model: **SI8-C1 NPN NO H1 S**



Dimension in mm

1. TECHNICAL CHARACTERISTICS



Electrical data		
Power supply type:		Direct current
Working voltage:	[V]	6 ÷ 30
Current consumption:	[mA]	< 12 mA @ 24Vdc
Protection class:		III
Reverse polarity protection:		Presente
Outputs		
Electrical design:		NPN
Function:		NO
Max voltage drop:	[V]	< 1.8
Max output current:	[mA]	200
Max switching frequency:	[Hz]	2000
Short circuit protection:		Present
Overload protection:		Present
Detection zone		
Switching distance-Sn:	[mm]	1.5
Real sensing distance-Sr:	[mm]	1.5 ±10%
Operative distance-So:	[mm]	0 ÷ 1.22
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 (depending on connector)

Display and control elements

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

Mechanical data

Housing:	Threded type
Thread designation:	M8x1
Dimensions: [mm]	M8x1 - L=44
Materials:	Housing: AISI 303 - Sensing area: POM red - Lock nuts: Nickel-plated brass
Mounting:	Embeddable
Weigth: [g]	25

Electrical connection

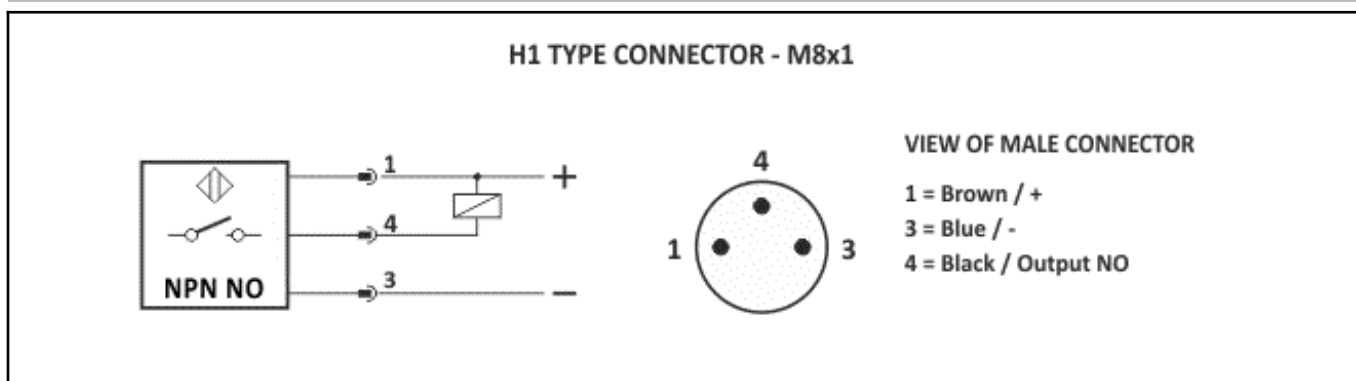
Connector: H1 type - M8X1 - gold plated contacts

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

