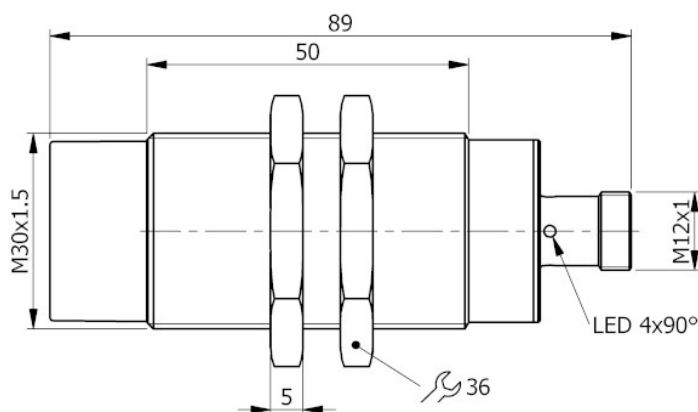


Part number: **I30000010** Model: **SI30-AE15 NO H**



Dimension in mm

1. TECHNICAL CHARACTERISTICS



Electrical data

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

Outputs

Function:		NO
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]	15
Real sensing distance-Sr:	[mm]	15 ±10%
Operative distance-So:	[mm]	0 ÷ 12.15

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-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:	M30x1.5
Dimensions: [mm]	M30x1.5 - L=90
Materials:	Housing: Nickel-plated brass - Sensing area: PC blue - Lock nuts: Nickel-plated brass
Mounting:	Not embeddable
Weigth: [g]	180

Electrical connection

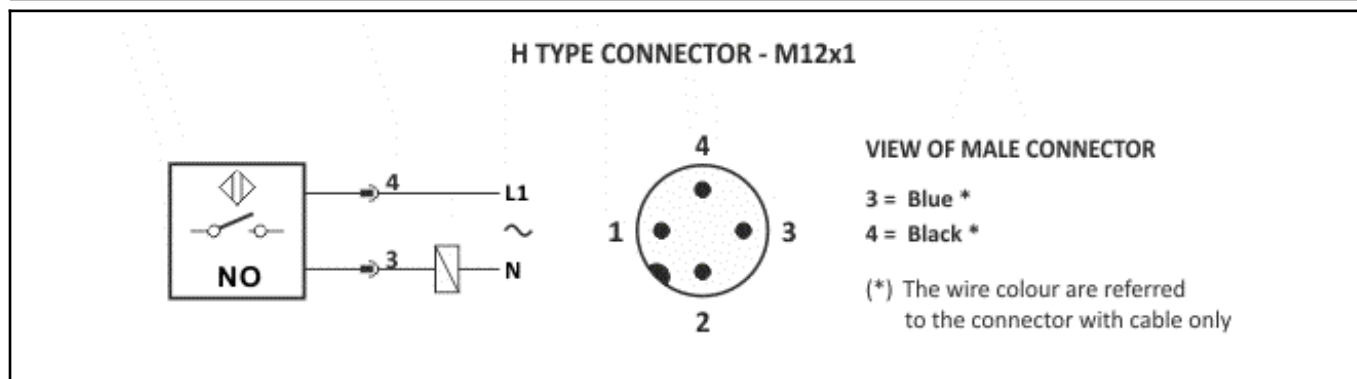
Connector:	H type - M12X1 - Gold plated contacts
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Compliance to Standards / Directives

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

2. NORME DI INSTALLAZIONE

WIRING DIAGRAM



INSTRUCTIONS FOR CORRECT INSTALLATION

