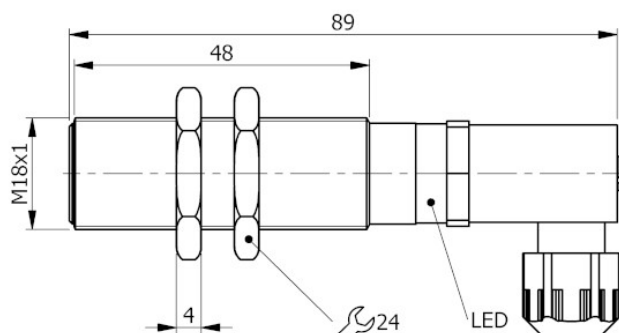


Part number: **I18000005** Model: **SI18-A5 NO K**



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] 5
Real sensing distance-Sr:	[mm] 5 ±10%
Operative distance-So:	[mm] 0 ÷ 4.05

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

Display and control elements

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

Housing:	Threded type
Thread designation:	M18x1
Dimensions:	[mm] M18x1 - L=61
Materials:	Housing: Nickel-plated brass - Sensing area: POM blue - Lock nuts: Nickel-plated brass
Mounting:	Embeddable
Weigth:	[g] 80

Electrical connection

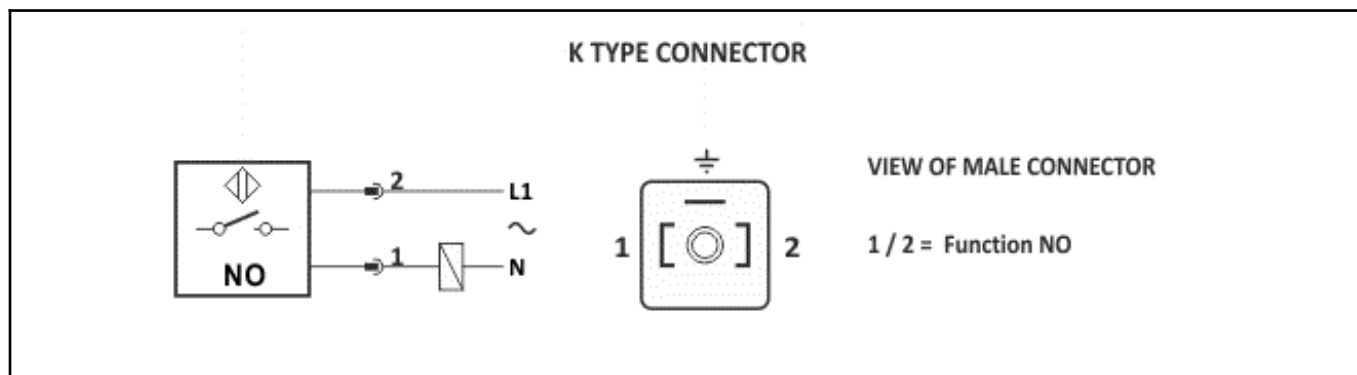
Connector:	K Type - 3 poles - EN 17301-803
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Compliance to Standards / Directives

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

