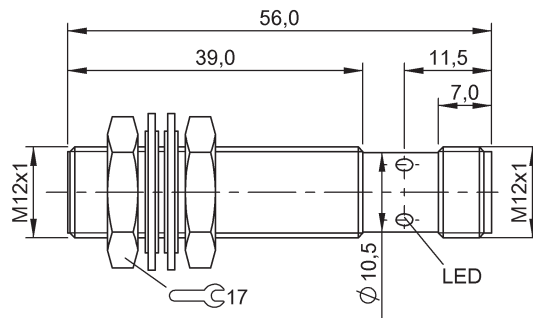




- PNP
- Normally open (NO)
- 4.00 mm
- Flush (shielded)
- Connector, M12x1-S04

**General attributes**

Additional features

Approvals / Conformity

Basic standard
Enclosure Type per IEC 60529
Function indicator
Magnetic field immune
Operating distance marking
Polarity reversal protected
Power indicator
Protection Class
Short circuit protected
Trademark

Weld-spatter resistant

Factor 1

cULus

CE

IEC 60947-5-2

IP67

Yes

immune to magnetic DC and AC fields

■ ■

Yes

No

II

Yes

Factor 1

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
Load capacitance max. (at U_e)
Magnetic field strength
Max. no-load cur. I_o undamped
Minimum operating current I_m
No-load current I_o damped max.
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]

Connector

200 mA

24.0 V

DC, direct current

1.000 μ F

100 kA/m

15.0 mA

0 mA

15.0 mA

30.0 V

10.0 V

Rated insulation voltage U_i Ripple max. (% of U_e)Switching freq. f max. (at U_e)

Switching function

Switching output

Voltage drop static max.

60 VDC

10 %

2000 Hz

Normally open (NO)

PNP

3.0 V

Mechanical attributesAmbient temperature T_a max.Ambient temperature T_a min.Assured operating distance S_a

Connector type

Depth

Diameter d_1 Eff. operating distance S_r

Housing material

Mech. installation condition

Mounting length

Rated operating distance S_n [mm]

Sensing face material

Surface protection

Tightening torque

70 °C

-25 °C

3.20 mm

M12x1-S04

56.0 mm

M12x1

4.00 mm

Brass

Flush (shielded)

39.0 mm

4.00 mm

PPS GF40

PTFE coating

10 Nm

Additional text

Specify maximum attainable switching frequency (not per IEC 60947-5-2)

The sensor is functional again after the overload has been eliminated.

Optimized on clamping holder installation.

