

1) Active surface Sensor 1 2) Active surface Sensor 2 3) Washer

- PNP
- Normally open (NO)
- 1.00 mm
- Flush (shielded)
- Cable with connector, PVC, M12x1-S04





## General attributes Approvals / Conformity

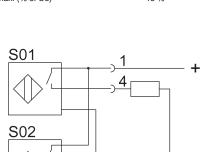
CE cULus IEC 60947-5-2 Basic standard IP67 No Yes

Enclosure Type per IEC 60529 Function indicator Polarity reversal protected Power indicator No Short circuit protected

## Electrical attributes

Connection type Cable with connector Eff. operating current le
Eff. operating voltage Ue DC
Electrical version 200 mA 24.0 V DC, direct current Load capacitance max. (at Ue) Max. no-load cur. lo undamped 1.000 μF 10.0 mA Minimum operating current Im 0 mA No-load current lo damped max. Operating voltage UB max. DC [V] Operating voltage UB min. DC [V] 15.0 mA 30.0 V 9.6 V 75 VDC 100 A Rated insulation voltage Ui Rated short circuit current Ripple max. (% of Ue) 15 %

Yes



3



## Mechanical attributes

100 °C 10 °C Ambient temperature Ta max. Ambient temperature Ta min. Assured operating distance Sa 0.80 mm Cable diameter D max.
Cable jacket material 3.7 mm PVC Connector type M12x1-S04 Depth Diameter d1 24.0 mm D07.9 Eff. operating distance Sr 1.00 mm Housing material Mech. installation condition Stainless steel Flush (shielded) Rated operating distance Sn [mm] 1.00 mm Sensing face material POM

## Additional text

The sensor is functional again after the overload has been eliminated. When using an AC bridge, an electrolytic capacitor  $\geq$  10 µF/40V parallel to Ub is recommended.

