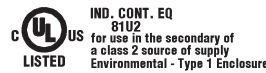


1) Area of pressure resistance

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



**General attributes**

Approvals / Conformity

Basic standard  
Enclosure Type per IEC 60529  
Function indicator  
Operating distance marking  
Polarity reversal protected  
Power indicator  
Short circuit protected  
Trademark

cULus  
CE  
IEC 60947-5-2  
IP67  
Yes  
■ ■  
Yes  
No  
Yes  
SteelFace

**Electrical attributes**

Connection type  
Eff. operating current I<sub>e</sub>  
Eff. operating voltage U<sub>e</sub> DC  
Electrical version  
Load capacitance max. (at U<sub>e</sub>)  
Max. no-load cur. I<sub>o</sub> undamped  
No-load current I<sub>o</sub> damped max.  
Operating voltage U<sub>B</sub> max. DC [V]  
Operating voltage U<sub>B</sub> min. DC [V]  
Rated insulation voltage U<sub>i</sub>  
Rated short circuit current  
Ripple max. (% of U<sub>e</sub>)

Connector  
200 mA  
24.0 V  
DC, direct current  
1.000 µF  
10.0 mA  
15.0 mA  
30.0 V  
10.0 V  
75 VDC  
100 A  
10 %

Switching freq. f max. (at U<sub>e</sub>)  
Switching function  
Switching output  
Voltage drop static max.

500 Hz  
Normally open (NO)  
PNP  
2.5 V

**Mechanical attributes**

Ambient temperature T<sub>a</sub> max.  
Ambient temperature T<sub>a</sub> min.  
Assured operating distance S<sub>a</sub>  
Connector type  
Depth  
Diameter d1  
Eff. operating distance S<sub>r</sub>  
Housing material  
Mech. installation condition  
Mounting length  
Pressure resistance  
Rated operating distance S<sub>n</sub> [mm]  
Sensing face material  
Tightening torque

70 °C  
-25 °C  
3.20 mm  
M12x1-S04  
65.0 mm  
M12x1  
4.00 mm  
Stainless steel  
Flush (shielded)  
49.5 mm  
pressure-rated up to 60 bar  
4.00 mm  
Stainless steel  
20 Nm ±10 %

**Additional text**

The sensor is functional again after the overload has been eliminated.  
For installation in metals see installation instruction 857785.

