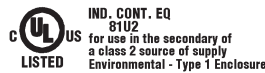


- PNP
- Normally open (NO)
- 4.00 mm
- Flush (shielded)
- Connector, M08x1-S49



**General attributes**

Approvals / Conformity

Basic standard  
Enclosure Type per IEC 60529  
Function indicator  
Operating distance marking  
Polarity reversal protected  
Power indicator  
Short circuit protected  
MTTF (40°C)

CE  
cULus  
EAC  
IEC 60947-5-2  
IP67  
Yes  
■ ■  
Yes  
No  
Yes  
830 a

**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  
Minimum operating current I<sub>m</sub>  
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>)  
Switching freq. f max. (at U<sub>e</sub>)  
Switching function  
Switching output

Connector  
200 mA  
24.0 V  
DC, direct current  
0.500 µF  
3.0 mA  
0 mA  
10.0 mA  
30.0 V  
10.0 V  
75 VDC  
100 A  
15 %  
2500 Hz  
Normally open (NO)  
PNP

Voltage drop static max.

2.5 V

**Mechanical attributes**

Ambient temperature T<sub>a</sub> max. 70 °C  
Ambient temperature T<sub>a</sub> min. -25 °C  
Assured operating distance S<sub>a</sub> 3.20 mm  
Connector type M08x1-S49  
Depth 44.0 mm  
Diameter d1 M12x1  
Eff. operating distance S<sub>r</sub> 4.00 mm  
Housing material Brass  
CuZn  
Mech. installation condition Flush (shielded)  
Mounting length 35.0 mm  
Rated operating distance S<sub>n</sub> [mm] 4.00 mm  
Sensing face material LCP  
Surface protection Nickel-free coating  
Tightening torque 10 Nm

**Remarks**

Embeddable: See installation notes for inductive sensors with extended switching distance 825357.

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

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

