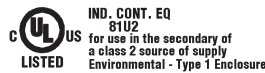


- PNP
- Normally open (NO)
- 2.00 mm
- Flush (shielded)
- Connector, M08x1-S49



**General attributes**

Approvals / Conformity

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

Basic standard

Enclosure Type per IEC 60529

Function indicator

Operating distance marking

Polarity reversal protected

Power indicator

Short circuit protected

Trademark

**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

Connector  
200 mA  
24.0 V  
DC, direct current  
1.000 µF  
5.0 mA  
0 mA  
10.0 mA  
30.0 V  
12.0 V  
75 VDC  
100 A

Ripple max. (% of U<sub>e</sub>)

Switching freq. f max. (at U<sub>e</sub>)

Switching function

Switching output

Voltage drop static max.

15 %

700 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

Rated operating distance S<sub>n</sub> [mm]

Sensing face material

Surface protection

Tightening torque

70 °C

-25 °C

1.60 mm

M08x1-S49

59.0 mm

M08x1

2.00 mm

CuZn

Flush (shielded)

50.0 mm

PA 12

Nickel-plated

3 Nm

**Additional text**

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

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

