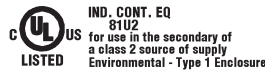


1) Active surface

- PNP
- Normally open (NO)
- 1.50 mm
- Flush (shielded)
- Cable with connector, PUR, 0.20 m M08x1-S49



General attributes

Approvals / Conformity

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

Basic standard

Enclosure Type per IEC 60529

Function indicator

Operating distance marking

Polarity reversal protected

Power indicator

Short circuit protected

MTTF

Electrical attributes

Connection type

Eff. operating current I_e

Eff. operating voltage U_e DC

Electrical version

Load capacitance max. (at U_e)

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]

Rated insulation voltage U_i

Rated short circuit current

Ripple max. (% of U_e)

Switching freq. f max. (at U_e)

Switching function

Cable with connector
100 mA
24.0 V
DC, direct current
1.000 µF
2.0 mA
0 mA
6.0 mA
30.0 V
10.0 V
75 VDC
100 A
10 %
5000 Hz
Normally open (NO)

Switching output

Voltage drop static max.

PNP

2.0 V

Mechanical attributes

Ambient temperature T_a max.

Ambient temperature T_a min.

Assured operating distance S_a

Cable diameter D max.

Cable jacket material

Cable length

Connector type

Depth

Diameter d1

Eff. operating distance S_r

Housing material

Mech. installation condition

Mounting length

Rated operating distance S_n [mm]

Sensing face material

70 °C

-25 °C

1.21 mm

3.0 mm

PUR

0.20 m

M08x1-S49

27.0 mm

D04.0

1.50 mm

Stainless steel

Flush (shielded)

26.0 mm

1.50 mm

PBT

Remarks

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.

