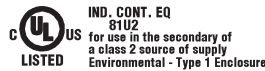


1) Active surface

- PNP
- Normally open (NO)
- 1.50 mm
- Flush (shielded)
- Cable, PUR, 5.00 m



General attributes

Approvals / Conformity

cULus
CE
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 (40°C)

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

Switching output

Cable
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)
PNP

Voltage drop static max.

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

Conductor cross-section

Depth

Diameter d1

Eff. operating distance S_r

Housing material

Mech. installation condition

Mounting length

Number of conductors

Rated operating distance S_n [mm]

Sensing face material

Tightening torque

70 °C
-25 °C
1.21 mm
3.0 mm
PUR
5.00 m
0.14 mm²
27.0 mm
M05x0.5
1.50 mm
Stainless steel
Flush (shielded)
26.0 mm
3
1.50 mm
PBT
1 Nm

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.

