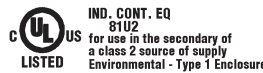


- PNP
- Normally open (NO)
- 1.50 mm
- Flush (shielded)

- Cable with connector, PUR, 0.30 m M12x1-S04



General attributes

Approvals / Conformity

CE
cULus
EAC
IEC 60947-5-2
IP68 according to BWN PR 20
Yes
Yes
No
II
Yes
830 a

Basic standard

Enclosure Type per IEC 60529

Function indicator

Polarity reversal protected

Power indicator

Protection Class

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
200 mA
24.0 V
DC, direct current
0.500 µF
3.0 mA
0 mA
9.0 mA
30.0 V
10.0 V
250 VAC
100 A
15 %
2500 Hz
Normally open (NO)

Switching output

Voltage drop static max.

PNP

2.5 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

Tightening torque

70 °C

-25 °C

1.20 mm

3.1 mm

PUR

0.30 m

M12x1-S04

30.0 mm

M08x1

1.50 mm

Stainless steel

Flush (shielded)

30.0 mm

1.50 mm

PBT

8 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.

