



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

- Cable with connector, PUR, 0.20 m
- M08x1-S49



General attributes

Approvals / Conformity

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

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

Electrical attributes

Connection type
Eff. operating current Ie
Eff. operating voltage Ue DC
Electrical version
Load capacitance max. (at Ue)
Max. no-load cur. I_o undamped
Minimum operating current I_m
No-load current I_o damped max.
Operating voltage UB max. DC [V]
Operating voltage UB min. DC [V]
Rated insulation voltage Ui
Rated short circuit current
Ripple max. (% of Ue)
Switching freq. f max. (at Ue)
Switching function
Switching output

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 %
1500 Hz
Normally open (NO)
PNP

Voltage drop static max.

2.5 V

Mechanical attributes

Ambient temperature Ta max. 70 °C
Ambient temperature Ta min. -25 °C
Assured operating distance Sa 1.60 mm
Cable diameter D max. 3.1 mm
Cable jacket material PUR
Cable length 0.20 m
Connector type M08x1-S49
Depth 30.0 mm
Diameter d1 M08x1
Eff. operating distance Sr 2.00 mm
Housing material Stainless steel
Mech. installation condition Flush (shielded)
Mounting length 29.0 mm
Rated operating distance Sn [mm] 2.00 mm
Sensing face material PBT
Tightening torque 8 Nm

Remarks

The sensor is functional again after the overload has been eliminated.
Embeddable: See installation notes for inductive sensors with extended switching distance 825357.

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.

