



- PNP
- Normally open (NO)
- 2.00 mm
- Flush (shielded)
- Cable, PVC, 2.00 m



General attributes

Approvals / Conformity

Basic standard
Enclosure Type per IEC 60529
Function indicator
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 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
200 mA
24.0 V
DC, direct current
0.500 µF
4.0 mA
0 mA
10.0 mA
30.0 V
10.0 V
250 VAC
100 A
15 %
5000 Hz
Normally open (NO)
PNP

Voltage drop static max.

2.0 V

Mechanical attributes

Ambient temperature T_a max. 70 °C
Ambient temperature T_a min. -25 °C
Assured operating distance S_a 1.60 mm
Cable diameter D max. 4.6 mm
Cable jacket material PVC
Cable length 2.00 m
Conductor cross-section 0.34 mm²
Depth 33.0 mm
Diameter d1 M12x1
Eff. operating distance S_r 2.00 mm
Housing material CuZn
Mech. installation condition Flush (shielded)
Mounting length 30.0 mm
Number of conductors 3
Rated operating distance S_n [mm] 2.00 mm
Sensing face material PBT
Surface protection Nickel-plated
Tightening torque 15 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.

