



- Polarized
- Normally open (NO)
- 7.00 mm
- Flush (shielded)

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



General attributes

Approvals / Conformity

Basic standard
Enclosure Type per IEC 60529
Function indicator
Operating distance marking
Polarity reversal protected
Power indicator
Short circuit protected
Trademark
MTTF

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

Electrical attributes

Connection type
Eff. operating current Ie
Eff. operating voltage Ue DC
Electrical version
Load capacitance max. (at Ue)
Minimum operating current Im
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
Voltage drop static max.

Cable with connector
100 mA
24.0 V
DC, direct current
1.000 µF
5 mA
36.0 V
10.0 V
75 VDC
100 A
15 %
600 Hz
Normally open (NO)
Polarized
4.0 V

Mechanical attributes

Ambient temperature Ta max.
Ambient temperature Ta min.
Assured operating distance Sa
Cable diameter D max.
Cable jacket material
Cable length
Connector type
Depth
Diameter d1
Eff. operating distance Sr
Housing material
Mech. installation condition
Mounting length
Rated operating distance Sn [mm]
Sensing face material
Surface protection
Tightening torque

70 °C
-25 °C
5.60 mm
5.1 mm
PUR
0.30 m
M12x1-S04
46.0 mm
M18x1
7.00 mm
CuZn
Flush (shielded)
40.0 mm
7.00 mm
PA 12
Nickel-free coating
25 Nm

Remarks

Embeddable: See installation notes for inductive sensors with extended switching distance 825357.
Specify maximum attainable switching frequency (not per IEC 60947-5-2)
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.

