



- PNP
- Normally open (NO)
- 2.00 mm
- Flush (shielded)
- Cable, PUR, 3.00 m

**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

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

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
200 mA
24.0 V
DC, direct current
1.000 μ F
5.0 mA
0 mA
10.0 mA
30.0 V
12.0 V
75 VDC
100 A
15 %
700 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
Conductor cross-section
Depth
Diameter d_1
Eff. operating distance S_r
Housing material
Mech. installation condition
Mounting length
Number of conductors
Rated operating distance S_n [mm]
Sensing face material
Surface protection
Tightening torque

70 °C
-25 °C
1.60 mm
3.1 mm
PUR
3.00 m
0.14 mm²
50.0 mm
M08x1
2.00 mm
CuZn
Flush (shielded)
50.0 mm
3
2.00 mm
PA 12
Nickel-plated
3 Nm

Remarks

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

