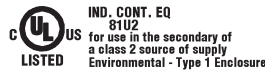


1) Active surface

- PNP
- Normally open (NO)
- 0.80 mm
- Flush (shielded)
- Cable, PUR, 5.00 m



General attributes

Approvals / Conformity

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

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

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
100 mA
24.0 V
DC, direct current
1.000 µF
2.0 mA
0 mA
6.0 mA
30.0 V
10.0 V
75 VDC
100 A
10 %
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 0.65 mm
Cable diameter D max. 3.0 mm
Cable jacket material PUR
Cable length 5.00 m
Conductor cross-section 0.14 mm²
Depth 27.0 mm
Diameter d1 M05x0.5
Eff. operating distance S_r 0.80 mm
Housing material Stainless steel
Mech. installation condition Flush (shielded)
Mounting length 26.0 mm
Number of conductors 3
Rated operating distance S_n [mm] 0.80 mm
Sensing face material PBT
Tightening torque 1 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.

