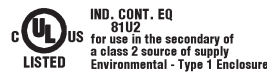


1) Area of pressure resistance

- PNP
- Normally open (NO)
- 2.00 mm
- Flush (shielded)
- Connector, M12x1-S04



General attributes

Additional features
Approvals / Conformity

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

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

Housing resistant to weld splatter
cULus
CE
EAC
IEC 60947-5-2
IP67
Yes
■
Yes
No
Yes
SteelFace
330 a

Connector
200 mA
24.0 V
DC, direct current
0.500 μ F
12.0 mA
1 mA
12.0 mA
30.0 V
10.0 V
75 VDC
100 A
10 %
750 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
Connector type
Depth
Diameter d_1
Eff. operating distance S_r
Housing material
Mech. installation condition
Mounting length
Pressure resistance
Rated operating distance S_n [mm]
Sensing face material
Surface protection
Tightening torque

70 °C
-25 °C
1.60 mm
M12x1-S04
65.0 mm
M08x1
2.00 mm
Stainless steel
Flush (shielded)
44.5 mm
pressure-rated up to 80 bar
2.00 mm
Stainless steel
PTFE coating
6 Nm \pm 10 %

Remarks

EMC: EMC protection circuit needed, see 825345. Burst: 1.2 IVW: 2.2
For installation in metals see installation instruction 857785.
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.

