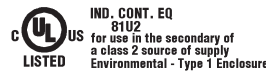


1) Active surface

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



General attributes

Approvals / Conformity	cULus CE IEC 60947-5-2
Basic standard	IP67
Enclosure Type per IEC 60529	Yes
Function indicator	■ ■
Operating distance marking	Yes
Polarity reversal protected	No
Power indicator	Yes
Short circuit protected	Yes

Electrical attributes

Connection type	Cable
Eff. operating current I _e	100 mA
Eff. operating voltage U _e DC	24.0 V
Electrical version	DC, direct current
Load capacitance max. (at U _e)	1.000 µF
Max. no-load cur. I _o undamped	2.0 mA
Minimum operating current I _m	0 mA
No-load current I _o damped max.	6.0 mA
Operating voltage U _B max. DC [V]	30.0 V
Operating voltage U _B min. DC [V]	10.0 V
Rated insulation voltage U _i	75 VDC
Rated short circuit current	100 A
Ripple max. (% of U _e)	10 %
Switching freq. f max. (at U _e)	5000 Hz

Switching function	Normally open (NO)
Switching output	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	1.21 mm
Cable diameter D max.	3.0 mm
Cable jacket material	PUR
Cable length	2.00 m
Conductor cross-section	0.14 mm ²
Depth	27.0 mm
Diameter d1	D04.0
Eff. operating distance S _r	1.50 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]	1.50 mm
Sensing face material	PBT

Additional text

The sensor is functional again after the overload has been eliminated.
EMC: Surge immunity; external protection circuit required. Document 825345, Section 2.

