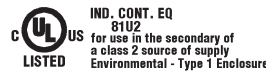


1) Active surface

- PNP
  - Normally open (NO)
  - 2.50 mm
  - Non embeddable
- Cable with connector, PUR, 0.30 m M08x1-S49



**General attributes**

Approvals / Conformity	CE cULus 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 with connector
Eff. operating current Ie	100 mA
Eff. operating voltage Ue DC	24.0 V
Electrical version	DC, direct current
Load capacitance max. (at Ue)	0.200 µF
Max. no-load cur. I <sub>o</sub> undamped	3.0 mA
No-load current I <sub>o</sub> damped max.	10.0 mA
Operating voltage UB max. DC [V]	30.0 V
Operating voltage UB min. DC [V]	10.0 V
Rated insulation voltage Ui	75 VDC
Rated short circuit current	100 A
Ripple max. (% of Ue)	15 %

Switching freq. f max. (at Ue)	3000 Hz
Switching function	Normally open (NO)
Switching output	PNP
Voltage drop static max.	2.5 V

**Mechanical attributes**

Ambient temperature Ta max.	70 °C
Ambient temperature Ta min.	-25 °C
Assured operating distance Sa	2.20 mm
Cable diameter D max.	2.4 mm
Cable jacket material	PUR
Cable length	0.30 m
Connector type	M08x1-S49
Depth	4.7 mm
Eff. operating distance Sr	2.50 mm
Height (small side)	8.0 mm
Housing material	PA 6 - GF30
Mech. installation condition	Non embeddable
Rated operating distance Sn [mm]	2.50 mm
Sensing face material	PA 6 - GF30
Width (long side)	16.0 mm

**Additional text**

The sensor is functional again after the overload has been eliminated.

