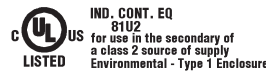


1) Active surface

- PNP
 - Normally open (NO)
 - 1.50 mm
 - Flush (shielded)
- Cable with connector, PUR, 0.13 m M08x1-S49



General attributes

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

Electrical attributes

Connection type	Cable with connector
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)	0.200 µF
Max. no-load cur. I _o undamped	3.0 mA
Minimum operating current I _m	0 mA
No-load current I _o damped max.	10.0 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)	15 %
Switching freq. f max. (at U _e)	2500 Hz

Switching function	Normally open (NO)
Switching output	PNP
Voltage drop static max.	2.5 V

Mechanical attributes

Ambient temperature T _a max.	70 °C
Ambient temperature T _a min.	-25 °C
Assured operating distance S _a	1.20 mm
Cable diameter D max.	2.4 mm
Cable jacket material	PUR
Cable length	0.13 m
Connector type	M08x1-S49
Depth	4.7 mm
Eff. operating distance S _r	1.50 mm
Height (small side)	8.0 mm
Housing material	PA 6 - GF30
Mech. installation condition	Flush (shielded)
Rated operating distance S _n [mm]	1.50 mm
Sensing face material	PA 6 - GF30
Tightening torque	0.06 Nm
Width (long side)	16.0 mm

Additional text

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

