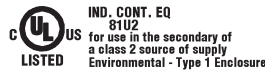


1) Active surface

- PNP
- Normally open (NO)
- 1.50 mm
- Flush (shielded)
- Connector, M08x1-S49



General attributes

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

Electrical attributes

Connection type	Connector
Eff. operating current I _e	200 mA
Eff. operating voltage U _e DC	24.0 V
Electrical version	DC, direct current
Load capacitance max. (at U _e)	0.500 µF
Max. no-load cur. I _o undamped	4.0 mA
Minimum operating current I _m	0 mA
No-load current I _o damped max.	12.0 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)	5000 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
Connector type	M08x1-S49
Depth	8.0 mm
Eff. operating distance S _r	1.50 mm
Height (small side)	8.0 mm
Housing material	GD-ZnAl
Mech. installation condition	Flush (shielded)
Rated operating distance S _n [mm]	1.50 mm
Sensing face material	PBT
Width (long side)	59.0 mm

Additional text

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

