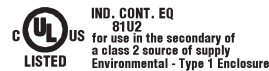


- PNP
- Normally open (NO)
- 10.00 mm
- Flush (shielded)
- Connector, M12x1-S04



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	Connector
Eff. operating current I _e	130 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	12.0 mA
Minimum operating current I _m	0 mA
No-load current I _o damped max.	25.0 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)	200 Hz
Switching function	Normally open (NO)
Switching output	PNP
Voltage drop static max.	3.5 V

Mechanical attributes

Ambient temperature T _a max.	70 °C
Ambient temperature T _a min.	-25 °C
Assured operating distance S _a	8.00 mm
Connector type	M12x1-S04
Depth	44.5 mm
Diameter d1	M30x1.5
Eff. operating distance S _r	10.00 mm
Housing material	CuZn
Mech. installation condition	Flush (shielded)
Mounting length	30.0 mm
Rated operating distance S _n [mm]	10.00 mm
Sensing face material	PA 12
Surface protection	Nickel-plated
Tightening torque	70 Nm

Additional text

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

