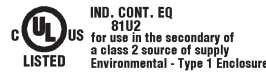


- PNP
- NO/NC
- 5.00 mm
- Flush (shielded)
- Connector, M12x1-S04



General attributes

Approvals / Conformity	CE
Basic standard	cULus
Enclosure Type per IEC 60529	IEC 60947-5-2
Function indicator	IP68 according to BWN PR 20
Polarity reversal protected	Yes
Power indicator	Yes
Protection Class	No
Short circuit protected	II
	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)	1.000 µF
Max. no-load cur. I _o undamped	20.0 mA
Minimum operating current I _m	0 mA
No-load current I _o damped max.	30.0 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	250 VAC
Rated short circuit current	100 A

Ripple max. (% of U _e)	15 %
Switching freq. f max. (at U _e)	500 Hz
Switching function	NO/NC
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	4.00 mm
Connector type	M12x1-S04
Depth	83.0 mm
Diameter d1	M18x1
Eff. operating distance S _r	5.00 mm
Housing material	CuZn
Mech. installation condition	Flush (shielded)
Mounting length	50.5 mm
Rated operating distance S _n [mm]	5.00 mm
Sensing face material	PA 12
Surface protection	Nickel-plated
Tightening torque	35 Nm

Additional text

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

