



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



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	GLOBAL
Trademark	

Electrical attributes

Connection type	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)	1.000 µF
Max. no-load cur. I _o undamped	5.0 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]	12.0 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)	1000 Hz
Switching function	Normally open (NO)
Switching output	PNP
Voltage drop static max.	2.0 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	M12x1-S04
Depth	65.0 mm
Diameter d1	M08x1
Eff. operating distance S _r	1.50 mm
Housing material	CuZn
Mech. installation condition	Flush (shielded)
Mounting length	45.0 mm
Rated operating distance S _n [mm]	1.50 mm
Sensing face material	PA 12
Surface protection	Nickel-plated
Tightening torque	3 Nm / 6 Nm

Additional text

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

