

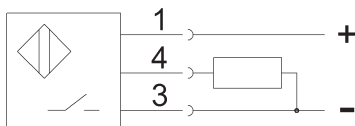
- PNP
- Normally open (NO)
- 10.00 mm
- Non embeddable
- Connector, M12x1-S04

**General attributes**

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

**Electrical attributes**

Connection type	Connector
Eff. operating current I <sub>e</sub>	200 mA
Eff. operating voltage U <sub>e</sub> DC	24.0 V
Electrical version	DC, direct current
Load capacitance max. (at U <sub>e</sub> )	1.000 µF
Max. no-load cur. I <sub>o</sub> undamped	10.0 mA
Minimum operating current I <sub>m</sub>	0 mA
No-load current I <sub>o</sub> damped max.	10.0 mA
Operating voltage U <sub>B</sub> max. DC [V]	30.0 V
Operating voltage U <sub>B</sub> min. DC [V]	10.0 V
Rated insulation voltage U <sub>i</sub>	75 VDC
Rated short circuit current	100 A



Ripple max. (% of U <sub>e</sub> )	20 %
Switching freq. f max. (at U <sub>e</sub> )	400 Hz
Switching function	Normally open (NO)
Switching output	PNP
Voltage drop static max.	2.0 V

**Mechanical attributes**

Ambient temperature T <sub>a</sub> max.	70 °C
Ambient temperature T <sub>a</sub> min.	-25 °C
Assured operating distance S <sub>a</sub>	8.00 mm
Connector type	M12x1-S04
Depth	45.0 mm
Diameter d1	M12x1
Eff. operating distance S <sub>r</sub>	10.00 mm
Housing material	CuZn
Mech. installation condition	Non embeddable
Mounting length	21.3 mm
Rated operating distance S <sub>n</sub> [mm]	10.00 mm
Sensing face material	PBT
Surface protection	Chrome-plated
Tightening torque	10 Nm

**Additional text**

With connector, e.g. BKS-S 20-... total length = switch length +18 mm.  
The sensor is functional again after the overload has been eliminated.

