

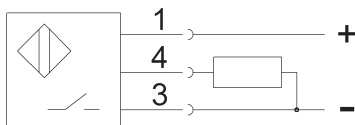
- PNP
- Normally open (NO)
- 6.00 mm
- Quasi embeddable
- Connector, M12x1-S04

General attributes

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

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 μ F
Max. no-load cur. I_o undamped	10.0 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]	10.0 V
Rated insulation voltage U_i	75 VDC
Rated short circuit current	100 A
Ripple max. (% of U_e)	20 %



Switching freq. f max. (at U_e)	800 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	4.80 mm
Connector type	M12x1-S04
Depth	45.0 mm
Diameter d_1	M12x1
Eff. operating distance S_r	6.00 mm
Housing material	CuZn
Mech. installation condition	Quasi embeddable
Mounting length	26.0 mm
Rated operating distance S_n [mm]	6.00 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.
Quasi-shielded: See installation instructions for inductive sensors with extended switching distance 825356.

