



- PNP
- Normally open (NO)
- 20.00 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 _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	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)	200 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	16.00 mm
Connector type	M12x1-S04
Depth	63.5 mm
Diameter d1	M18x1
Eff. operating distance S _r	20.00 mm
Housing material	CuZn
Mech. installation condition	Non embeddable
Mounting length	32.0 mm
Rated operating distance S _n [mm]	20.00 mm
Sensing face material	PBT
Surface protection	Chrome-plated
Tightening torque	25 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.

