



1) O-ring with support ring

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



General attributes

Approvals / Conformity	CE
Basic standard	IEC 60947-5-2
Enclosure Type per IEC 60529	IP68 according to BWN PR 20
Function indicator	No
Mounting instruction	614804
Part number sealing ring	636594
Part number thrust ring	705918
Polarity reversal protected	Yes
Power indicator	No
Short circuit protected	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)	0.500 µF
Max. no-load cur. I _o undamped	1.0 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)	15 %

Switching freq. f max. (at U _e)	1000 Hz
Switching function	Normally open (NO)
Switching output	PNP
Voltage drop static max.	1.5 V

Mechanical attributes

Ambient temperature T _a max.	80 °C
Ambient temperature T _a min.	-25 °C
Assured operating distance S _a	1.20 mm
Connector type	M12x1-S04
Depth	78.0 mm
Diameter d1	M12x1
Eff. operating distance S _r	1.50 mm
Housing material	1.4104
Mech. installation condition	Flush (shielded)
Mounting hi-pressure switches	M12x1
Mounting length	43.6 mm
Pressure resistance	oilpressure-rated to 350 bar
Rated operating distance S _n [mm]	1.50 mm
Sensing face material	EP
Size of sealing ring	5.85 x 2.4
Thrust ring material	PTFE
Tightening torque	15 Nm ±10 %

Additional text

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

