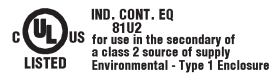


1) O-ring with support ring

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



General attributes

Approvals / Conformity	CE cULus IEC 60947-5-2
Basic standard	IP68 according to BWN PR 20
Enclosure Type per IEC 60529	No
Function indicator	631753
Part number sealing ring	705918
Part number thrust ring	Yes
Polarity reversal protected	No
Power indicator	Yes
Short circuit protected	

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	3.0 mA
Minimum operating current I _m	0 mA
No-load current I _o damped max.	8.0 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)	2000 Hz

Switching function
 Switching output
 Voltage drop static max.

Normally open (NO)
 PNP
 2.0 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	69.0 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	39.6 mm
Pressure resistance	oilpressure-rated to 500 bar
Rated operating distance S _n [mm]	1.50 mm
Sensing face material	EP
Size of sealing ring	5.3 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.
 Installation instructions 614804.

