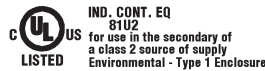


1) O-ring with support ring

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



General attributes

Approvals / Conformity

CE
cULus
EAC
IEC 60947-5-2
IP68 according to BWN PR 20
No
631753
705918
Yes
No
Yes

Basic standard

Enclosure Type per IEC 60529
Function indicator
Part number sealing ring
Part number thrust ring
Polarity reversal protected
Power indicator
Short circuit protected

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
Load capacitance max. (at U_e)
Max. no-load cur. I_o undamped
Minimum operating current I_m
No-load current I_o damped max.
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]
Rated insulation voltage U_i
Rated short circuit current
Ripple max. (% of U_e)

Connector
200 mA
24.0 V
DC, direct current
1.000 µF
3.0 mA
0 mA
8.0 mA
30.0 V
10.0 V
75 VDC
100 A
15 %

Switching freq. f max. (at U_e)
Switching function
Switching output
Voltage drop static max.

2000 Hz
Normally open (NO)
PNP
2.0 V

Mechanical attributes

Ambient temperature T_a max.
Ambient temperature T_a min.
Assured operating distance S_a
Connector type
Depth
Diameter d1
Eff. operating distance S_r
Housing material
Mech. installation condition
Mounting hi-pressure switches
Mounting length
Pressure resistance
Rated operating distance S_n [mm]
Sensing face material
Size of sealing ring
Thrust ring material
Tightening torque

80 °C
-25 °C
1.20 mm
M12x1-S04
69.0 mm
M12x1
1.50 mm
1.4104
Flush (shielded)
M12x1
39.6 mm
oilpressure-rated to 500 bar
1.50 mm
EP
5.3 x 2.4
PTFE
15 Nm ±10 %

Additional text

The sensor is functional again after the overload has been eliminated.
Installation instructions 614804.

