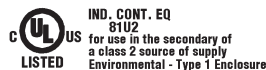


1) O-ring with support ring

- 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
709137
709136
Yes
No
Yes

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

1000 Hz
Normally open (NO)
PNP
1.5 V

Electrical attributes

| | |
|----------------------------------|--------------------|
| Connection type | Connector |
| Eff. operating current Ie | 200 mA |
| Eff. operating voltage Ue DC | 24.0 V |
| Electrical version | DC, direct current |
| Load capacitance max. (at Ue) | 0.500 µF |
| Max. no-load cur. Io undamped | 1.0 mA |
| Minimum operating current Im | 0 mA |
| No-load current Io damped max. | 10.0 mA |
| Operating voltage UB max. DC [V] | 30.0 V |
| Operating voltage UB min. DC [V] | 10.0 V |
| Rated insulation voltage Ui | 75 VDC |
| Rated short circuit current | 100 A |
| Ripple max. (% of Ue) | 15 % |

Connector
200 mA
24.0 V
DC, direct current
0.500 μ F
1.0 mA
0 mA
10.0 mA
30.0 V
10.0 V
75 VDC
100 A
15 %

Mechanical attributes

| | |
|----------------------------------|------------------------------|
| Ambient temperature Ta max. | 80 °C |
| Ambient temperature Ta min. | -25 °C |
| Assured operating distance Sa | 1.20 mm |
| Connector type | M12x1-S04 |
| Depth | 73.0 mm |
| Diameter d1 | M16x1 |
| Eff. operating distance Sr | 1.50 mm |
| Housing material | 1.4104 |
| Mech. installation condition | Flush (shielded) |
| Mounting hi-pressure switches | M16x1 |
| Mounting length | 32.0 mm |
| Pressure resistance | oilpressure-rated to 350 bar |
| Rated operating distance Sn [mm] | 1.50 mm |
| Sensing face material | EP |
| Size of sealing ring | 11.0 x 1.5 |
| Thrust ring material | PTFE |
| Tightening torque | 40 Nm ±10 % |

Additional text

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

