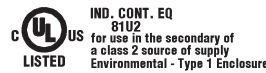


1) O-ring with support ring

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



General attributes

Approvals / Conformity	CE cULus IEC 60947-5-2 IP68 according to BWN PR 20
Basic standard	No
Enclosure Type per IEC 60529	636594
Function indicator	705918
Part number sealing ring	Yes
Part number thrust ring	No
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
Switching output
Voltage drop static max.

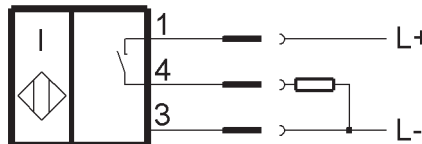
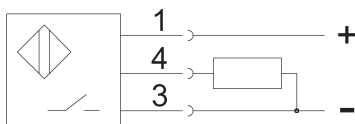
Normally open (NO)
PNP
1.5 V

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 500 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

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



Inductive sensor

BES 516-300-S135-S4-D
BHS001L

BALLUFF

sensors worldwide

