



1) Active surface 2) Housing 3) Pot 4) LED function indicator

- NPN
- Normally closed (NC)
- 15.00 mm
- Flush (shielded)
- Cable, PUR, 2.00 m
- switching distance adjustable



**General attributes**

Approvals / Conformity	CE cULus IEC 60947-5-2
Basic standard	IP67
Enclosure Type per IEC 60529	Yes
Polarity reversal protected	Yes
Short circuit protected	230 a
MTTF (40°C)	

**Electrical attributes**

Connection type	Cable
Eff. operating current I <sub>e</sub>	300 mA
Electrical version	DC, direct current
Operating voltage U <sub>B</sub> max. DC [V]	35.0 V
Operating voltage U <sub>B</sub> min. DC [V]	10.0 V
Rated insulation voltage U <sub>i</sub>	75 V DC
Ripple max. (% of U <sub>e</sub> )	10 %
Sensitivity	switching distance adjustable
Switching freq. f max. (at U <sub>e</sub> )	100 Hz
Switching function	Normally closed (NC)
Switching output	NPN
Voltage drop static max.	0.8 V

**Mechanical attributes**

Ambient temperature T <sub>a</sub> max.	70 °C
Ambient temperature T <sub>a</sub> min.	-30 °C
Cable jacket material	PUR
Cable length L [m]	2.00 m
Conductor cross-section	0.14 mm <sup>2</sup>
Depth	4.0 mm
Diameter d1	D30.0
Housing material	1.4301
Mech. installation condition	Flush (shielded)
Number of conductors	3
Rated operating distance S <sub>n</sub> [mm]	15.00 mm
Sensing face material	PTFE
Working range S <sub>a</sub> max.	15.00 mm
Working range S <sub>a</sub> min. [mm]	2.00 mm

**Remarks**

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

