



1) Active surface 2) Housing 3) Top cover 4) Pot 5) LED function indicator

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



IND. CONT. EQ. 81U2
 for use in the secondary of
 a class 2 source of supply



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General attributes

Approvals / Conformity	CE cULus IEC 60947-5-2
Basic standard	IP67
Enclosure Type per IEC 60529	Yes
Polarity reversal protected	2 nuts
Scope of delivery	Yes
Short circuit protected	300 a
MTTF	

Electrical attributes

Connection type	Connector
Eff. operating current I _e	300 mA
Electrical version	DC, direct current
No-load current max. I _o	15.0 mA
Operating voltage U _B max. DC [V]	35.0 V
Operating voltage U _B min. DC [V]	10.0 V
Rated insulation voltage U _i	75 V DC
Ripple max. (% of U _e)	10 %
Switching freq. f max. (at U _e)	100 Hz
Switching function	Normally open (NO)
Switching output	PNP
Voltage drop static max.	1.5 V

Mechanical attributes

Ambient temperature T _a max.	70 °C
Ambient temperature T _a min.	-30 °C
Connector type	M12x1-S04
Cover material	PA
Diameter d1	M18x1.0
Housing material	1.4301
Mech. installation condition	Flush (shielded)
Mounting length	39.0 mm
Rated operating distance S _n [mm]	8.00 mm
Sensing face material	PBT
Tightening torque	60 Nm
Working range S _a max.	8.00 mm
Working range S _a min. [mm]	1.50 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.

