



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

- PNP
- Normally open (NO)
- 3.00 mm
- nichtbündig
- Connector, M08x1-S49

- switching distance adjustable



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  
IP65  
Yes  
2 nuts  
Yes

Basic standard  
Enclosure Type per IEC 60529  
Polarity reversal protected  
Scope of delivery  
Short circuit protected

**Electrical attributes**

Connection type  
Eff. operating current I<sub>e</sub>  
Electrical version  
Operating voltage U<sub>B</sub> max. DC [V]  
Operating voltage U<sub>B</sub> min. DC [V]  
Rated insulation voltage U<sub>i</sub>  
Ripple max. (% of U<sub>e</sub>)  
Sensitivity

Connector  
50 mA  
DC, direct current  
30.0 V  
11.0 V  
75 V DC  
10 %  
switching distance adjustable

Switching freq. f max. (at U<sub>e</sub>)  
Switching function  
Switching output  
Voltage drop static max.

100 Hz  
Normally open (NO)  
PNP  
2.0 V

**Mechanical attributes**

Ambient temperature T<sub>a</sub> max.  
Ambient temperature T<sub>a</sub> min.  
Connector type  
Diameter d1  
Housing material  
Mech. installation condition  
Mounting length  
Rated operating distance S<sub>n</sub> [mm]  
Sensing face material  
Tightening torque  
Working range S<sub>a</sub> max.  
Working range S<sub>a</sub> min. [mm]

70 °C  
-10 °C  
M08x1-S49  
M08x1.0  
1.4301  
nichtbündig  
27.0 mm  
3.00 mm  
PTFE  
6 Nm  
3.00 mm  
0.10 mm

