



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

- PNP
- Normally closed (NC)
- 8.00 mm
- nichtbündig
- Cable, PUR, 2.00 m
- 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_e
Electrical version
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]
Rated insulation voltage U_i
Ripple max. (% of U_e)
Sensitivity
Switching freq. f max. (at U_e)
Switching function

Cable
200 mA
DC, direct current
35.0 V
12.0 V
75 V DC
10 %
switching distance adjustable
100 Hz
Normally closed (NC)

Switching output

Voltage drop static max.

PNP

0.8 V

Mechanical attributes

Ambient temperature T_a max. 70 °C
Ambient temperature T_a min. -30 °C
Cable jacket material PUR
Cable length L [m] 2.00 m
Conductor cross-section 0.14 mm²
Cover material POM
Diameter d1 M12x1.0
Housing material 1.4301
Mech. installation condition nichtbündig
Mounting length 40.0 mm
Number of conductors 3
Rated operating distance S_n [mm] 8.00 mm
Sensing face material PTFE
Tightening torque 40 Nm
Working range S_a max. 8.00 mm
Working range S_a min. [mm] 1.00 mm

