



1) Active surface 2) Housing 3) Top cover

- Special interface
- see signal amplifier (BAE)
- 1.50 mm
- Flush (shielded)

- Cable with connector, PUR, 2.00 m
- Special connector
- to be adjusted at base unit



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



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General attributes

Approvals / Conformity

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

Electrical attributes

Connection type
 Electrical version
 Operating voltage UB max. DC [V]
 Operating voltage UB min. DC [V]
 Rated insulation voltage Ui
 Ripple max. (% of Ue)
 Sensitivity
 Switching freq. f max. (at Ue)
 Switching function
 Switching output

CE
 cULus
 IEC 60947-5-2
 IP67
 Not relevant
 2 nuts
 Not relevant

Cable with connector
 DC, direct current
 8.0 V
 4.0 V
 75 V DC
 10 %
 to be adjusted at base unit
 100 Hz
 see signal amplifier (BAE)
 Special interface

Mechanical attributes

Ambient temperature Ta max. 80 °C
 Ambient temperature Ta min. -30 °C
 Cable jacket material PUR
 Cable length L [m] 2.00 m
 Connector type Special connector
 Cover material POM
 Diameter d1 M08x1.0
 Housing material 1.4301
 Mech. installation condition Flush (shielded)
 Mounting length 21.0 mm
 Rated operating distance Sn [mm] 1.50 mm
 Sensing face material PTFE
 Tightening torque 6 Nm
 Working range Sa max. 1.50 mm
 Working range Sa min. [mm] 0.10 mm

Additional text

Required accessory, signal amplifier BAE SA-...