



1) Active surface 2) Housing 3) Top cover

- Special interface
- see signal amplifier (BAE)
- 3.00 mm
- nichtbündig

- 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

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

**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

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 nichtbündig  
 Mounting length 21.0 mm  
 Rated operating distance Sn [mm] 3.00 mm  
 Sensing face material PTFE  
 Tightening torque 6 Nm  
 Working range Sa max. 3.00 mm  
 Working range Sa min. [mm] 0.10 mm

**Additional text**

Required accessory, signal amplifier BAE SA-...