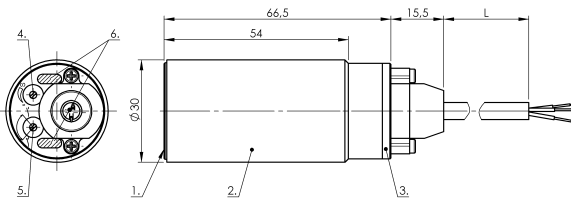


SK1-20-30-PBX-VA/PBT CS004H



Wiring Diagram



1) Sensing surface 2) Housing 3) Cover 4) Potentiometer 5) NO or NC selectable 6) LED function indicator



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

Display/Operation

| | |
|--------------------|-----|
| Function indicator | yes |
| Power indicator | yes |

Functional safety

| | |
|---------------------|-----|
| Diagnostic coverage | 0 % |
| Functional safety | no |

Electrical connection

| | |
|-----------------------------|----------------------|
| Cable length | 2 m |
| Conductor cross-section | 0.34 mm ² |
| Connection type | Cable, 2.00 m, PUR |
| Number of conductors | 3 |
| Polarity reversal protected | yes |
| Short-circuit protection | yes |

General data

| | |
|---------------------|-------------------------------|
| Approval/Conformity | CE cULus |
| Basic standard | IEC 60947-5-2 |
| Scope of delivery | Nut (2x) |
| Sensitivity | Switching distance adjustable |

Electrical data

| | |
|---|-------------|
| Hysteresis H max. (% of Sr) | 15.0 % |
| MTTF (40 °C) | 455 a |
| Operating voltage U _b | 10...35 VDC |
| Protected against miswiring | yes |
| Rated insulation voltage U _i | 75 V DC |
| Rated operating current I _e DC | 300 mA |
| Repeat accuracy max. (% of Sr) | 5.0 % |
| Switching frequency | 100 Hz |
| Utilization category | DC -13 |
| Voltage drop static max. | 1.8 V |

Material

| | |
|--------------------------|--------------------------|
| Cover material | PBT PE |
| Housing material | Stainless steel (1.4301) |
| Material cover | PBTPE |
| Material jacket | PUR |
| Material sensing surface | PBT |

Mechanical data

| | |
|--------------|--------------------|
| Dimension | undefined |
| Installation | for flush mounting |
| Size | D30.0 |

Environmental conditions

| | |
|---------------------------|-------------------------|
| Ambient temperature | -30...70 °C |
| Protection type IEC 60529 | IP66 IP64 at cable exit |

Output/Interface

| | |
|------------------|---|
| Switching output | PNP Normally open/Normally closed (NO/NC) |
|------------------|---|