



Ex position switch with safety function

Ex 13 10/1S - 2m

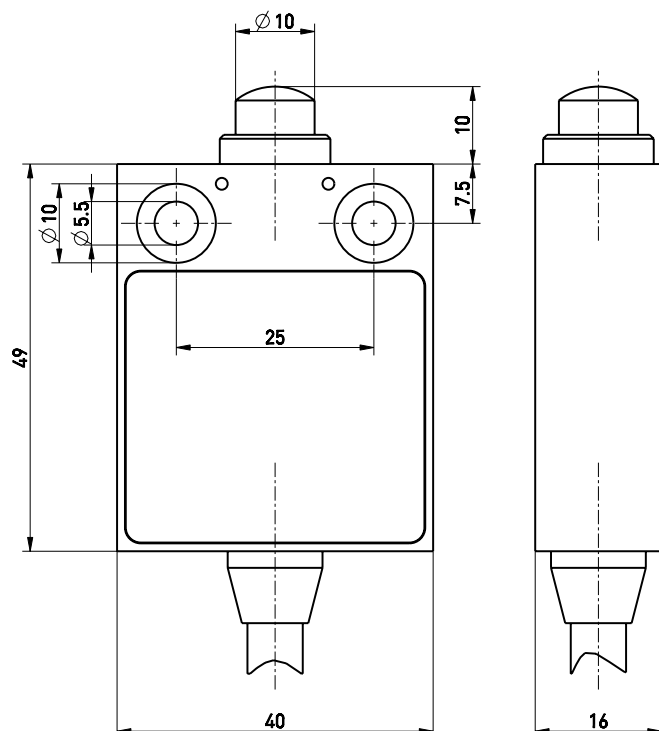
Číslo materiálu: 1053444 (Staré číslo materiálu: 13001302)

Vlastnosti/možnosti

- Ex zone 1 and 21
- Thermoplastic enclosure
- Double insulated
- Slow action , change-over contact with double break
- Suitable for in-line mounting

- With pre-wired cable, cable length 2 m
- Actuator: Plunger
- Actuating speed max. 0.5 m/s with a vertical actuating angle of 0°
- N.B.: Please state required approvals for Russia, China, Brazil and North America with your order!

Rozměry



Technická data

Standards

EN 60947-5-1; EN 1088;
EN 60079-0, EN 60079-1,
EN 60079-31; EN ISO 13849-1

Enclosure

glass-fibre reinforced,
shock-proof thermoplastic,
self-extinguishing UL 94-V0
IP 65 to IEC/EN 60529

Degree of protection

silver

Contact material

Switching system

slow action, positive break

Switching elements

NC contacts
change-over contact with double
break Zb, galvanically separated
contact bridges

Connection

cable H05VV-F, 4 x 0.75 mm²

B_{10d} (10 % Load)

2 million

T_M

max. 20 years

U_{imp}

4 kV

U_i

250 V

I_{the}

T6: 6 A, T5: 3 A

I_e/U_e

6 A/250 VAC; 0.25 A/230 VDC

Utilisation category

AC-15; DC-13

Max. fuse rating

6 A gG/gN fuse

Ambient temperature

T6: -20 °C ... +65 °C,
T5: -20 °C ... +95 °C

Mechanical life

> 1 million operations

Frequency of operation

1800/h

Repeat accuracy of switching points

± 0.1 mm

Contact gap

max. 2 x 4 mm

Ex marking

II 2G Ex d IIC T6/T5 Gb,

II 2D Ex tb IIIC

T80 °C/T95 °C Db IP65

IECEx Ex d IIC T6/T5 Gb,

Ex tb IIIC T80 °C/T95 °C Db IP65

Approvals

PTB 03 ATEX 1068 X

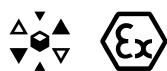
IECEx PTB 06.0053X



Weight

200 g

Omyly a technické změny vyhrazeny.

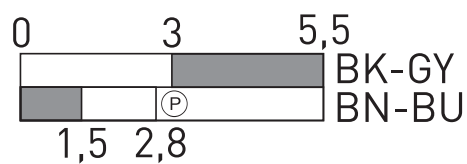


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Ex 13 IÖ/1S - 2m

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Switching diagram



Contact diagram

