



Ex bezpečnostní senzory

Ex RC Si 56 10/1S - 2m

Číslo materiálu: 1189255 (Staré číslo materiálu: 25603201)

Vlastnosti/možnosti

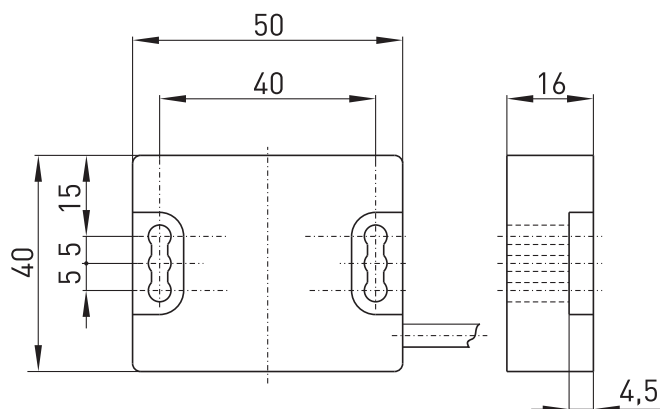
- Ex zone 1 and 21
- Thermoplastic enclosure
- Long life
- Reed contacts, coded

- Actuation from front
- Switching distance up to 6 mm
- N.B.: Please state required approvals for Russia, China and North America with your order!

Note

- The actuator is not included in the delivery of the switches

Rozměry



Technická data

Standards

EN ISO 13849-1;
EN 60947-5-3 / PDF-M*;
EN 954-1; EN 1088;
EN 60079-0; EN 60079-18;
EN 61241-0; EN 61241-1

Enclosure

glass-fibre reinforced
thermoplastic,
self-extinguishing, A3XZG5
IP 67 to IEC/EN 60529

Degree of protection

Switching system

reed contacts

Switching elements

1 NC/1 NO contact

Connection

Pre-wired cable 4 x AWG 24 UL

Cable length

2 m

Safety-relevant data:

EN 954-1

EN ISO 13849-1

B_{10d} (10 % Load)

T_M

MTTF_d

Category 4 *

PL e *

1 million

max. 20 years

> 100 years

I_e/U_e

max. 125 mA / 24 VDC

Switching voltage

max. 30 VDC

Voltage drop at I_e

2.5 V

Switching frequency

max. 5 Hz

Ambient temperature

T₆: -20 °C ... +70 °C,
T₅: -20 °C ... +85 °C

Mechanical life

> 10 million operations

Repeatability

< 0.5 mm

Switching distances:

S_{max}

6 mm

S_{ao}

4 mm

S_{ar}

23 mm

Ex marking

Ex II 2G Ex mb II T₆/T₅,

Ex II 2D Ex tD A21 IP67

T₈₀ °C/T₉₅ °C

IECEx Ex mb II T₆/T₅,

Ex tD A21 IP67 T₈₀ °C/T₉₅ °C

Approvals

PTB 08 ATEX 2027 X

IECEx PTB 08.0042 X



on request

Schéma

