



## Ex bezpečnostní senzory

Ex RC Si 56 2Ö - 10m

Číslo materiálu: 1184434 (Staré číslo materiálu: 25653902)

### Vlastnosti/možnosti

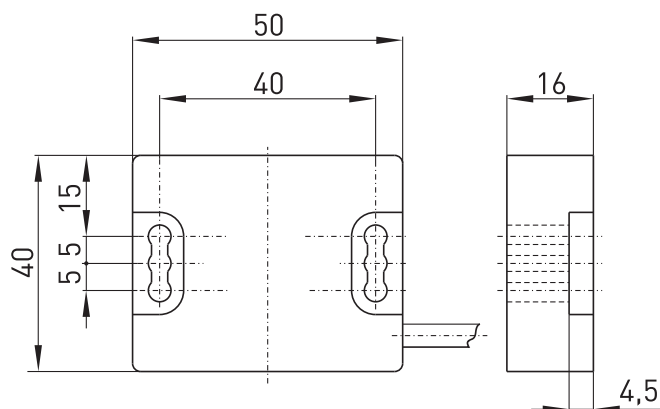
- Ex zone 1 and 21
- Thermoplastic enclosure
- Long life
- Reed contacts, coded

- 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

#### Switching elements

#### Connection

#### Cable length

reed contacts

2 NC contacts

Pre-wired cable 4 x AWG 24 UL

10 m

#### Safety-relevant data:

EN 954-1

EN ISO 13849-1

B<sub>10d</sub> (10 % Load)

T<sub>M</sub>

MTTF<sub>d</sub>

Category 4 \*

PL e \*

1 million

max. 20 years

> 100 years

I<sub>e</sub>/U<sub>e</sub>

Switching voltage

Voltage drop at I<sub>e</sub>

Switching frequency

Ambient temperature

max. 125 mA / 24 VDC

max. 30 VDC

2.5 V

max. 5 Hz

T<sub>6</sub>: -20 °C ... +70 °C,

T<sub>5</sub>: -20 °C ... +85 °C

Mechanical life

Repeatability

Switching distances:

S<sub>max</sub>

S<sub>ao</sub>

S<sub>ar</sub>

Ex marking

6 mm

4 mm

23 mm

⊕ II 2G Ex mb II T<sub>6</sub>/T<sub>5</sub>,

⊕ II 2D Ex tD A21 IP67

T<sub>80</sub> °C/T<sub>95</sub> °C

IECEx Ex mb II T<sub>6</sub>/T<sub>5</sub>,

Ex tD A21 IP67 T<sub>80</sub> °C/T<sub>95</sub> °C

Approvals

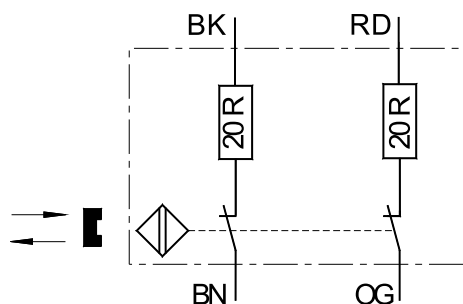
PTB 08 ATEX 2027 X

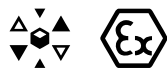
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on request

### Schéma



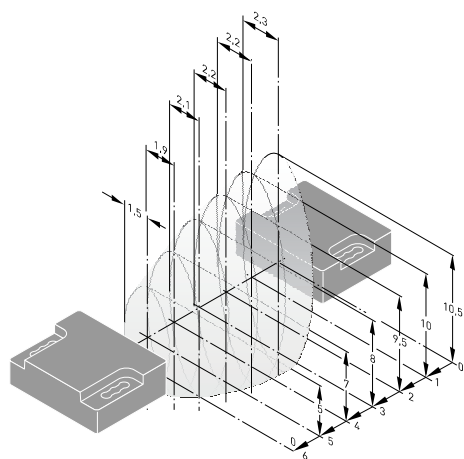


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## Axial Misalignment



Weight

\* is only achieved in combination  
with a safety module  
320 g

Omyly a technické změny vyhrazeny.