

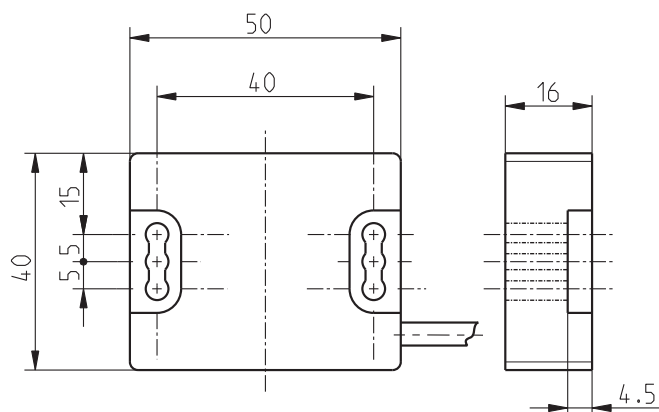
Interrupteurs de sécurité Ex à commande magnétique // EEx RC Si 56

Features/Options

- Ex zone 1 and 2, as well as 21 and 22
- Thermoplastic enclosure
- Long life
- Reed contacts, coded

- Actuation from front
- Switching distance up to 7 mm
- With pre-wired cable, cable length 1 metre
- Special version only for equipment category 3G/D, available for gas Ex zone 2 and dust Ex zone 22

Encombresments



Technical data

Standards

IEC/EN 60947-5-3; EN 954-1; EN 1088 EN 50014; EN 60079-18; EN 50281-1-1

Enclosure

glass-fibre reinforced thermoplastic

Actuator

EEx MC 56

Protection class

IP 67 according to IEC/EN 60529

Contact material

–

Switching system

Reed contacts

Contact types

1NC/1 NO contact or 2 NC contacts

Connection

Pre-wired cable AWG 24

B_{10d}(100% Load)

500.000

MTTF_d

>100 years

Cable section

4 x 0,22 mm²

Cable length

1 m

U_{imp}

–

Power consumption

–

Outputs

–

Utilisation category

–

Ie/Ue

–

Safety-related switching voltage

max. 30 VDC

Safety-related switching current

max. 125 mA, with LED: 20 mA

Voltage drop at I_{max}

2.5 V, with LED: 3 V

Max. fuse rating

–

Switching frequency

max. 5 Hz

Ambient temperature

-20 °C ... +70 °C

Mechanical life

> 10 million operations

Electrical life

–

Switching capacity

7 mm

S_{ao}

23 mm

S_{ar}

2 mm

Axial misalignment

Ex certification

Ex II 2G Ex mb II T6/T5

Ex II 2D Ex tD A21 IP67
T80°C/T95°C

Approvals

PTB 08 ATEX 2027 X

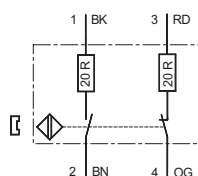
Sous réserve d'erreur ou de modification technique.

Variantes de contacts

bidirectional actuation

1 NC/1 NO contact

EEx RC Si 56 1Ö/1S



2 NC contacts

EEx RC Si 56 2Ö

