

Ex magnetic sensors

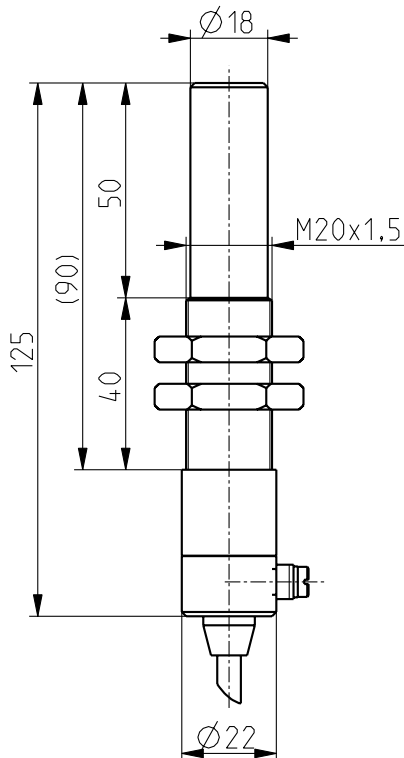
// Ex RC M20 1S 5m Order no.: 22023504

Features/Options

- Ex zone 1 and 21
- Brass enclosure, nicked
- Including 2 mounting nuts
- 1 Reed contact

- Actuation from front
- Switching distance up to 30 mm depending on the actuating magnet
- With pre-wired cable
- N.B.: Please state required approvals for Russia, China and Brazil with your order!

Dimensions



Technical data

| | |
|--------------------------|---|
| Standards | EN 60947-5-2; EN 60079-0; EN 60079-18; EN 61241-0; EN 61241-1 |
| Enclosure | brass, nicked |
| Actuator | series M permanent magnet |
| Degree of protection | IP 67 to IEC/EN 60529 |
| Contact material | silver |
| Switching system | reed contacts |
| Switching elements | NO contact |
| Connection | cable, H05VV-F |
| Cable section | 3 x 0,75 mm ² |
| Cable length | 5m |
| Switching voltage | 250 V |
| Switching current | 1.5 A |
| Switching capacity | max.100 VA/W |
| Utilisation category | AC-15, DC-13 |
| Bounce duration | 0.3 ... 0.6 ms |
| Ambient temperature | -20 °C ... +70 °C |
| Mechanical life | > 1 million operations |
| Electrical life | 10 ⁶ ... 10 ⁹ operations |
| Resistance to vibrations | 50 ... 100 g |
| Ex certification | ⊕ II 2G Ex mb II T ₆ , ⊕ II 2D Ex tD A21 IP67 T80°C IECEX Ex mb II T ₆ , Ex tD A21 IP67 T80°C DMT 01 ATEX E 058 X, IECEX BVS 07.0007 X |
| Approvals | |

Switching diagram

actuation from front

1 NO contact



Errors and omissions excepted.