

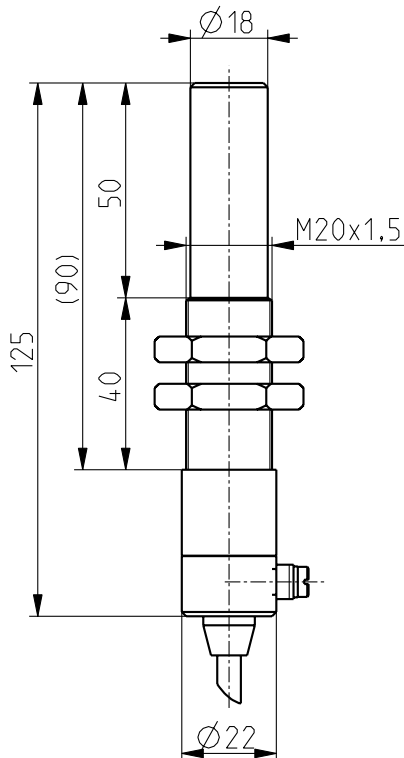
Ex magnetic sensors // Ex RC M20 1Wr 1m Order no.: 22033101

Features/Options

- Ex zone 1 and 21
- Brass enclosure, nickeled
- 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, nickeled

Actuator

series M permanent magnet

Degree of protection

IP 67 to IEC/EN 60529

Contact material

silver

Switching system

reed contacts

Switching elements

bistable change-over contact

Connection

cable, H05VV-F

Cable section

4 x 0,75 mm²

Cable length

1m

Switching voltage

250 V

Switching current

1.5 A

Switching capacity

max.50 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

10⁶ ... 10⁹ operations

Resistance to vibrations

10 ... 50 g

Ex certification

⊕ II 2G Ex mb II T₆,
⊕ II 2D Ex tD A21 IP67 T80°C
IECEX Ex mb II T₆,
Ex tD A21 IP67 T80°C
DMT 01 ATEX E 058 X,
IECEX BVS 07.0007 X

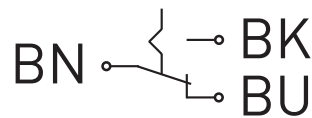
Approvals



Switching diagram

actuation from front

1 bistable change-over contact



Errors and omissions excepted.