

## Ex magnetic sensors

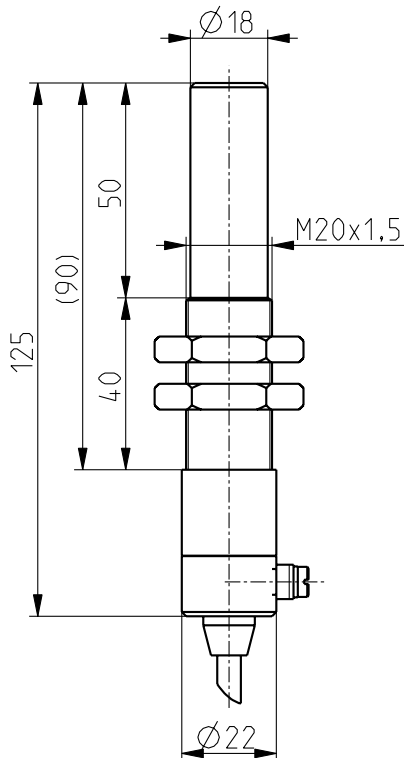
// Ex RC M20 1Sr 2m Order no.: 22023202

### 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

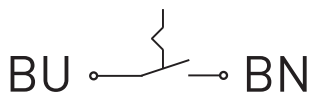
Standards	EN 60947-5-2; EN 60079-0; EN 60079-18; EN 61241-0; EN 61241-1
Enclosure	brass, nicked
Actuator	series M permanent magnet
Degree of protection	IP 67 to IEC/EN 60529
Contact material	silver
Switching system	reed contacts
Switching elements	bistable contact
Connection	cable, H05VV-F
Cable section	3 x 0,75 mm <sup>2</sup>
Cable length	2m
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 <sup>6</sup> ... 10 <sup>9</sup> operations
Resistance to vibrations	10 ... 50 g
Ex certification	⊕ II 2G Ex mb II T <sub>6</sub> , ⊕ II 2D Ex tD A21 IP67 T80°C IECEX Ex mb II T <sub>6</sub> , 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 contact



Errors and omissions excepted.