



## Ex magnetic sensor

Ex RC M20 1Sr - 2m

Material number: 1181657 (Material number old: 22023202)

### Features/Options:

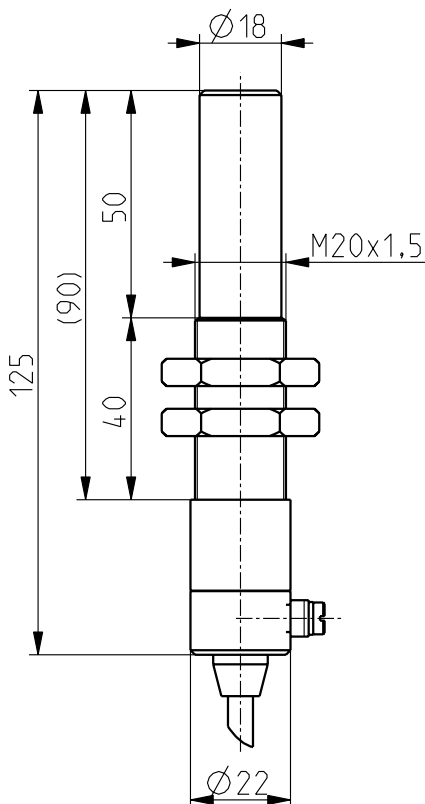
- Ex zone 1 and 21
- Brass enclosure, nickeled
- Actuation from front and from side
- Switching distance up to 30 mm depending on the actuating magnet

- With pre-wired cable
- Attention: Please state required international approvals with your order!

### Notes

- 2 mounting nuts are included in delivery
- The actuator is not included in the delivery of the switches

### Dimensions



### Technical data

Applied standards	EN 60947-5-2, EN 60079-0, EN 60079-18
Enclosure	brass, nickeled
Degree of protection	IP 67 to IEC/EN 60529
Switching system	reed contacts
Switching elements	1 bistable contact
Connection	pre-wired cable H05VV-F
Cable cross-section	3 x 0.75 mm <sup>2</sup>
Cable length	2 m
Switching voltage	max. 250 VAC
Switching current	max. 0.5 A
Short-circuit current I <sub>k</sub>	max. 5 A
Switching capacity	max. 30 W/VA
Bounce duration	max. 0.5 ms
Ambient temperature	-20 °C ... +70 °C
Mechanical life	> 1 million operations
Vibration resistance	max. 35 g
Shock resistance	max. 50 g
Impact energy	max. 7 J
Ex marking	⊕ II 2G Ex mb IIC T6 Gb, ⊕ II 2D Ex mb IIIC T80 °C Db IECEx Ex mb IIC T6 Gb Ex mb IIIC T80 °C Db

Errors and omissions excepted.



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Approvals

DMT 01 ATEX E 058 X  
IECEX BVS 07.0007 X



Weight

355 g

## Contact diagram

