



## Ex magnetic sensor

Ex RC M20 1W - 5m

Material number: 1179277 (Material number old: 22033501)

### Features/Options:

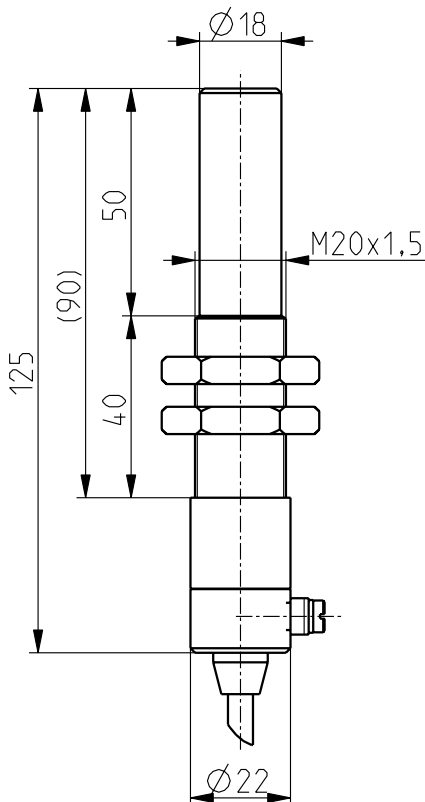
- Ex zone 1 and 21
- Brass enclosure, nicked
- Actuation from front
- Switching distance up to 30 mm depending on the actuating magnet

- 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, nicked   |
| Degree of protection                 | IP 67 to IEC/EN 60529   |
| Switching system                     | reed contacts   |
| Switching elements                   | 1 change-over contact   |
| Connection                           | pre-wired cable H05VV-F   |
| Cable cross-section                  | 4 x 0.75 mm <sup>2</sup>  |
| Cable length                         | 5 m   |
| Switching voltage                    | max. 250 VAC/DC   |
| Switching current                    | max. 0.5 A DC / max. 0.35 A AC  |
| Short-circuit current I <sub>k</sub> | max. 2 A  |
| Switching capacity                   | max. 30 W/VA  |
| Bounce duration                      | max. 4.5 ms   |
| Ambient temperature                  | -20 °C ... +70 °C   |
| Mechanical life                      | > 1 million operations  |
| Vibration resistance                 | max. 15 g   |
| Impact energy                        | max. 7 J  |
| Ex marking                           | ⊕ II 2G Ex mb IIC T6 Gb,<br>⊕ II 2D Ex mb IIIC T80 °C Db<br>IECEX Ex mb IIC T6 Gb<br>Ex mb IIIC T80 °C Db |
| Approvals                            | DMT 01 ATEX E 058 X<br>IECEX BVS 07.0007 X  |



Errors and omissions excepted.



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Weight

664 g

## Contact diagram

