



Ex magnetic sensor Ex RC M20 KST

Features/Options:

- Ex zone 1 and 21
- Cold-resistant version down to -60 °C available
- Thermoset enclosure
- With pre-wired cable
- Suitable for the food processing industry

Notes

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

Technical data

Applied standards	EN 60947-5-2, EN 60079-0, EN 60079-18
Enclosure	thermoset, glass-fibre reinforced, impact resistant, self-extinguishing UL 94 V-0
Degree of protection	IP 67 (EN 60079-0 + IEC/EN 60529) IP 66, IP 68, IP 69 (IEC/EN 60529) IP 69K (ISO 20653)
Actuating magnet	series M permanent magnet
Switching system	reed contacts
Switching elements	1 change-over contact
Connection	pre-wired cable, Silicone SIHF
Cable cross-section	3 x 0.75 mm ²
Cable length	2, 5 or 10 m
Short-circuit current I _k	max. 2 A
Ambient temperature	-20 °C ... +70 °C or -60 °C ... +70 °C (depending on the variant)
Mechanical life	> 1 million operations
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
Approvals	DMT 01 ATEX E 058 X IECEx BVS 07.0007 X