



Ex position switch with safety function

Ex 14 R 1Ö/1S - 2m

Material number: 1045364 (Material number old: 14009903)

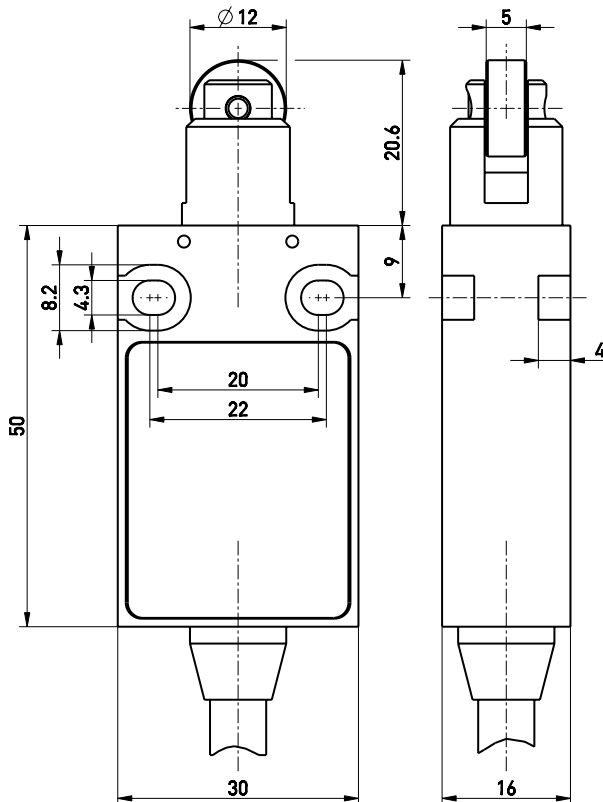
Features/Options:

- Ex zone 1 and 21
- Thermoplastic enclosure
- Double insulated 
- Mounting details to EN 50047
- Suitable for in-line mounting
- With pre-wired cable, cable length 2 m

Notes

- Actuator can be repositioned by 90° on request

Dimensions



Technical data

Standards	EN 60947-5-1; EN 60079-0, EN 60079-1, EN 60079-31; EN ISO 13849-1; EN ISO 14119
Enclosure	glass-fibre reinforced, shock-proof thermoplastic (PA 66), self-extinguishing UL 94-V0
Switch type	type 1
Coding level	no coding
Degree of protection	IP 65 to IEC/EN 60529
Contact material	silver
Switching system	slow action, positive break NC contacts $\ominus$
Switching elements	1 NC/1 NO contact, type Zb
Connection	pre-wired cable H05VV-F
Cable cross-section	4 x 0.75 mm ² (incl. conductor ferrules)
Cable length	2 m
B _{10d} (10 % Load)	2 million
T _M	max. 20 years
U _{imp}	4 kV
U _i	250 V
I _{the}	T6: 6 A, T5: 3 A
I _e /U _e	6 A/250 VAC; 0.25 A/230 VDC
Utilisation category	AC-15; DC-13
Max. fuse rating	6 A gG/gN fuse



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Ambient temperature T6: -20 °C ... +65 °C,
T5: -20 °C ... +75 °C, +90 °C with
max. 3 A

Mechanical life > 1 million operations

Operation cycles 1800/h

Repeat accuracy of switching points ± 0.1 mm

Contact opening max. 2 x 4 mm

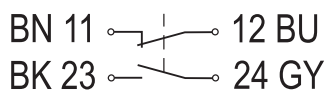
Impact energy max. 4 J

Ex marking II 2G Ex db IIC T6/T5 Gb,
 II 2D Ex tb IIIC
T80 °C/T95 °C Db
IECEX Ex db IIC T6/T5 Gb,
Ex tb IIIC T80 °C/T95 °C Db

Approvals PTB 03 ATEX 1070 X
IECEX PTB 06.0098X



Contact diagram



Switching diagram

