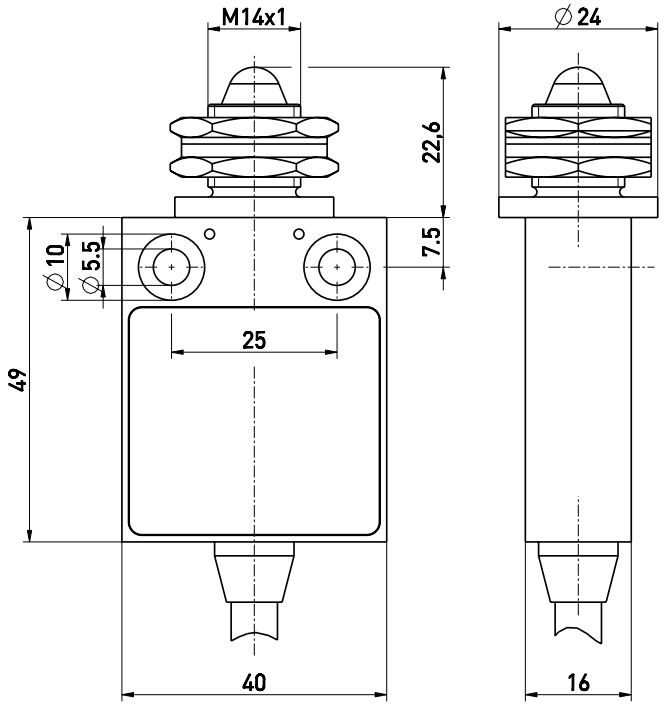
Ex position switch with safety function
Ex 13 FKU 1Ö/1S - 5m
Číslo materiálu: 1171974 (Staré číslo materiálu: 13049907)

Vlastnosti/možnosti

- Ex zone 1 and 21
- Thermoplastic enclosure
- Double insulated ⧈
- Slow action ⊖, change-over contact with double break
- Suitable for in-line mounting
- With pre-wired cable, cable length 5 m
- Actuator: Ball plunger for front mounting FKU
- Actuating speed max. 0.5 m/s with a vertical actuating angle of 20°
- Vertical actuation or actuation from side possible
- Actuator with captive stainless steel ball
- Ball diameter 8 mm
- Exact repeatability of switching point
- N.B.: Please state required approvals for Russia, China, Brazil and North America with your order!

Rozměry



Technická data

Standards	EN 60947-5-1; EN 1088; EN 60079-0, EN 60079-1, EN 60079-31; EN ISO 13849-1
Enclosure	glass-fibre reinforced, shock-proof thermoplastic, self-extinguishing UL 94-V0
Degree of protection	IP 65 to IEC/EN 60529
Contact material	silver
Switching system	slow action, positive break NC contacts ⊖
Switching elements	change-over contact with double break Zb, galvanically separated contact bridges
Connection	cable H05VV-F, 4 x 0.75 mm²
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
Ambient temperature	T6: –20 °C ... +65 °C, T5: –20 °C ... +95 °C
Mechanical life	> 1 million operations
Frequency of operation	1800/h
Repeat accuracy of switching points	± 0.1 mm
Contact gap	max. 2 x 4 mm
Ex marking	⟨Ex⟩ II 2G Ex d IIC T6/T5 Gb, ⟨Ex⟩ II 2D Ex tb IIIC T80 °C/T95 °C Db IP65 IECEx Ex d IIC T6/T5 Gb, Ex tb IIIC T80 °C/T95 °C Db IP65
Approvals	PTB 03 ATEX 1068 X IECEx PTB 06.0053X
Weight	460 g

Omyly a technické změny vyhrazeny.

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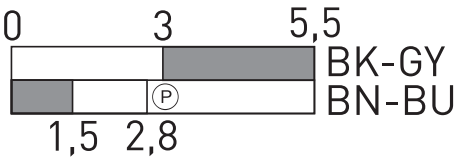
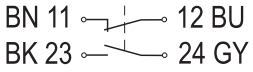
Switching diagram



Contact diagram



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