



Ex position switch

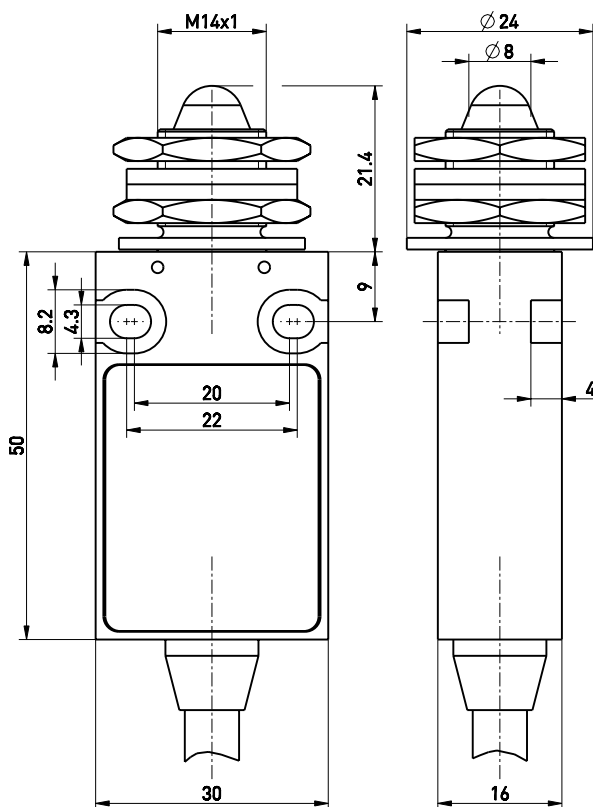
ExM 14 FKU - 5m

Material number: 1189098 (Material number old: 14749303)

Features/Options:

- Ex zone 1 and 21
- Thermoplastic enclosure
- Double insulated 
- Mounting details to EN 50047
- With pre-wired cable
- 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
- Exact repeatability of switching point
- Attention: Please state required international approvals with your order!

Dimensions



Technical data

Applied standards	EN 60947-5-1, EN 60079-0, EN 60079-1, EN 60079-31
Enclosure	thermoplastic, glass-fibre reinforced, impact resistant, self-extinguishing UL 94 V-0
Degree of protection	IP 65 to IEC/EN 60529
Contact material	silver
Switching system	snap action
Switching elements	1 change-over contact with single break, type C
Connection	pre-wired cable H05VV-F
Cable cross-section	3 x 0.75 mm ² (incl. conductor ferrules)
Cable length	5 m
Rated impulse withstand voltage U_{imp}	4 kV
Rated insulation voltage U_i	250 V
Conventional thermal current I_{the}	5 A
Rated operating current/voltage I_e/U_e	5 A/250 VAC; 0.16 A/230 VDC
Utilisation category	AC-15; DC-13
Short-circuit protection	5 A gG/gN fuse
Ambient temperature	-20 °C ... +60 °C
Mechanical life	> 1 million operations
Operation cycles	max. 1800/h
Repeat accuracy of switching points	± 0.1 mm

Errors and omissions excepted.



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Contact opening

max. 2 x 4 mm

Ex marking

⊕ II 2G Ex d IIC T6 Gb,
⊕ II 2D Ex tb IIIC T80 °C Db
IP65

Approvals

PTB 03 ATEX 1069 X

ERC

Weight

416 g

Contact diagram

BK 4 —
BN 2 — 1 GY

Switching diagram

0 1,5 5,5 mm

GY-BK
GY-BN