



## Ex position switch

Ex T 356 4V7H 1Ö/1S-5m

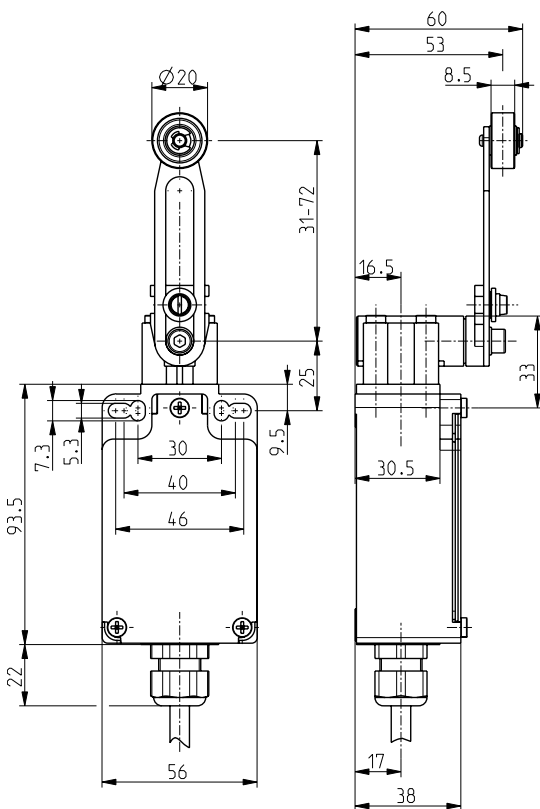
Material number: 1173695 (Material number old: 96029305)

### Features/Options:

- Ex zone 1 and 21
- Thermoplastic enclosure with metal cover
- Mounting and switching details to EN 50041
- Actuator: Adjustable rocking lever 4V7H
- Actuating speed max. 2.5 m/s with a vertical actuating angle of 30°

- Wear-resistant plastic roller
- Actuator can be repositioned by 4 x 90°
- Lever angle adjustable in 10° steps
- 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
Cover	steel, enamel finish
Degree of protection	IP 65 to IEC/EN 60529
Switch insert	1 x Ex 13
Contact material	silver
Switching system	slow action
Switching elements	1 NC/1 NO contact, type Zb
Connection	pre-wired cable H05VV-F
Cable cross-section	4 x 0.75 mm <sup>2</sup> (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 $I_{the}$	T6: 6 A, T5: 3 A
Rated operating current/voltage $I_e/U_e$	6 A/250 VAC; 0.25 A/230 VDC
Utilisation category	AC-15; DC-13
Short-circuit protection	6 A gG/gN fuse
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	max. 1800/h

Errors and omissions excepted.



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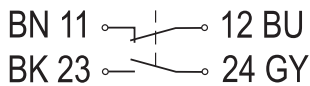
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## Technical data

Repeat accuracy of switching points	± 0.1 mm
Contact opening	max. 2 x 4.5 mm
Impact energy	max. 7 J
Ex marking	<p>⊕ 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</p>
Approvals	<p>PTB 03 ATEX 1068 X *  IECEX PTB 06.0053X *</p> <p> us* referring to the switch insert</p>
Weight	655 g

## Contact diagram



## Switching diagram

