



Ex position switch Ex 12 WHL-S - 5m lever durni coated Material number: 1477085

Features/Options:

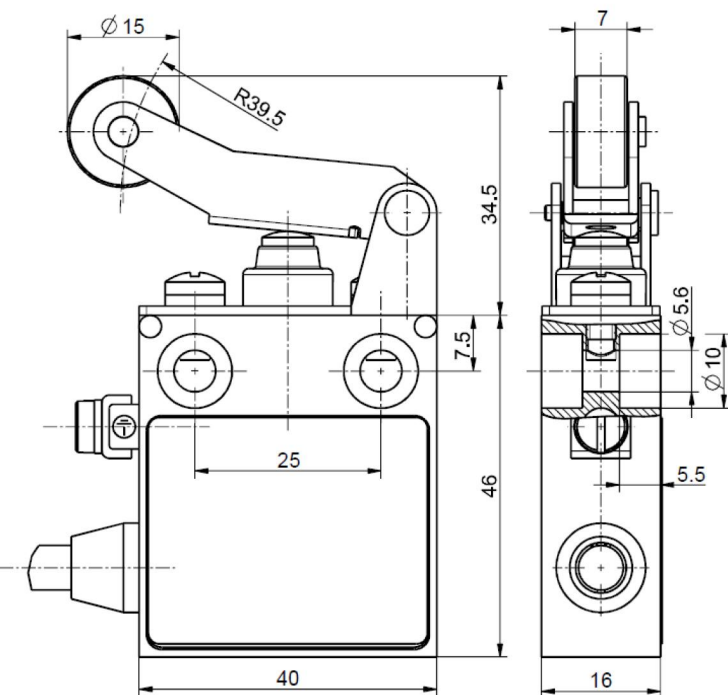
- Ex zone 1 and 21
- Metal enclosure
- Snap action, change-over contact with single break
- Suitable for in-line mounting
- With pre-wired cable, cable length 5 m , cable on side
- Actuator: Long roller lever with collar WHL , durni coated

Notes

- Actuation from the left should be avoided since this reduces the mechanical life of the position switch.
- Actuator can be repositioned by 180° on request
- With plastic roller available on request

- Actuating speed max. 0.5 m/s with a vertical actuating angle of $\alpha = 40^\circ$ and $\beta = 30^\circ$
- Metal roller
- Watertight collar for protection against penetration of dirt
- N.B.: Please state required approvals for Russia and China with your order!

Dimensions



Technical data

Standards	EN 60079-0; EN 60079-1; EN 60079-31; EN 60947-5-1
Enclosure	aluminium die-cast, hard-coated
Degree of protection	IP 65 to IEC/EN 60529
Contact material	silver
Switching system	snap action
Switching elements	change-over contact with single break Form C
Connection	cable H05VV-F, 4 x 0.75 mm ²
U _{imp}	4 kV
U _i	250 V
I _{the}	5 A
Utilisation category	AC-15; DC-13
I _e /U _e	5 A/250 VAC; 0.16 A/230 VDC
Max. fuse rating	5 A gG/gN fuse
Ambient temperature	-20 °C ... +60 °C
Mechanical life	> 1 million operations
Operation cycles	1800/h
Repeat accuracy of switching points	± 0.1 mm
Impact energy	max. 7 J



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Technical data

Ex marking

Ex II 2G Ex db IIC T6 Gb
Ex II 2D Ex tb IIIC T80 °C Db
IECEEx Ex db IIC T6 Gb
Ex tb IIIC T80 °C Db

Approvals

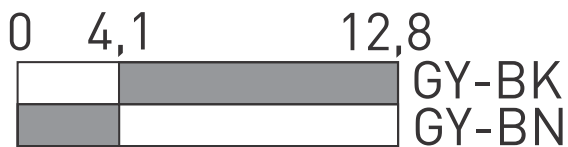
PTB 03 ATEX 1067 X
IECEEx PTB 11.0089X



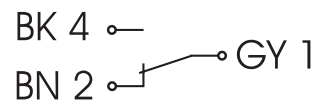
Weight

495 g

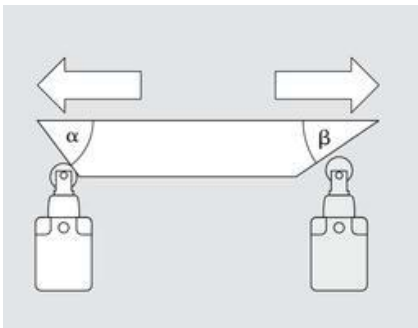
Switching diagram



Contact diagram



Actuating angles



α - Actuating angle from right of switch axis

β - Actuating angle from left of switch axis as shown in picture