



Position switch

E 12 WHL - 2m

Material number: 1044553 (Material number old: 12716901)

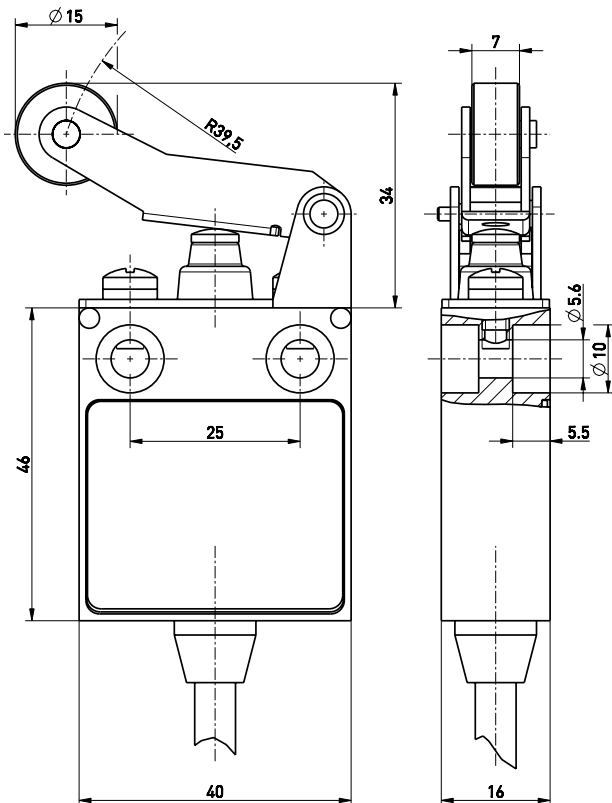
Features/Options:

- Metal enclosure
- Snap action, change-over contact with single break
- Suitable for in-line mounting
- With pre-wired cable
- Actuator: Long roller lever with collar WHL
- 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

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

Dimensions



Technical data

Applied standards	EN 60947-5-1
Enclosure	aluminium die-cast, powder-coated
Degree of protection	IP 67 to IEC/EN 60529
Contact material	silver
Switching elements	1 change-over contact with single break, type C
Switching system	snap action
Connection	pre-wired cable H05VV-F
Cable cross-section	4 x 0.75 mm ²
Cable length	2 m
Rated impulse withstand voltage U_{imp}	4 kV
Rated insulation voltage U_i	250 V
Conventional thermal current I_{the}	5 A
Utilisation category	AC-15; DC-13
Rated operating current/voltage I_g/U_g	5 A/250 VAC; 0.16 A/230 VDC
Short-circuit protection	5 A gG/gN fuse
Mechanical life	> 1 million operations
Operation cycles	max. 1800/h
Ambient temperature	-20 °C ... +75 °C

Approvals



Errors and omissions excepted.



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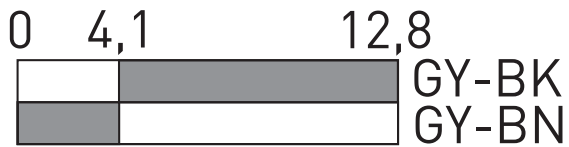
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Technical data

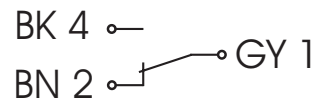
Weight

260 g

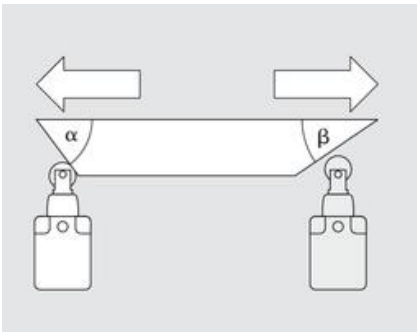
Switching diagram



Contact diagram



Actuating angles



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