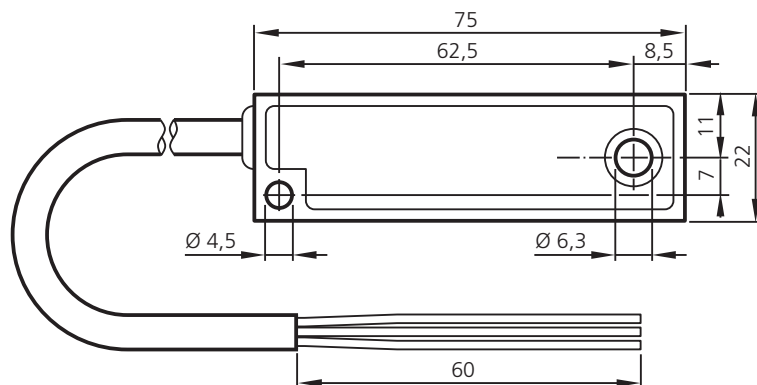


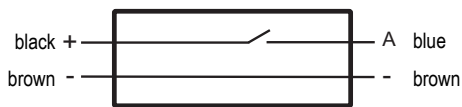
EC2061

Tilt switch
free from mercury
semi-conductor output
10...30 V DC



Application

liquid switch working without wear and tear
with semi-conductor output for position detection

Switching voltage	10...30 V DC
Switching current	max. 1.0 A
Continuous current	max. 0.7 A
Short-circuit protection	•
Reverse polarity / overload protection	•
Back EMF protection	•
Switch-on point	in horizontal position ($\pm 1^\circ$) when the cable end is moved upwards
Switch-off point	the switching hysteresis is exceeded by moving the cable end downwards
Switching hysteresis	2.5...5.5°
Repeatability	< 0.2°
Contact material	noble metal with liquid
Switching	rapidly (close and open)
Operating temperature	-30...+80°C
Housing material	Plastic
Protection	IP 67
Dimensions	75 x 22 x 18 mm 1 hole $\varnothing 4.5$ mm for fixing the tilt switch Metal socket $\varnothing 6.3$ mm for fixing the tilt switch
Connection	PVC cable, 3.1 m / 3 x 0.75 mm ²
Wiring	(+) black; (-) brown; (A) blue
Block diagram	

Installation instructions

The hole $\varnothing 4.5$ mm allows to fix the tilt switch using a pin, bolt or similar.
Only the metal socket $\varnothing 6.3$ mm can be used for fixing.