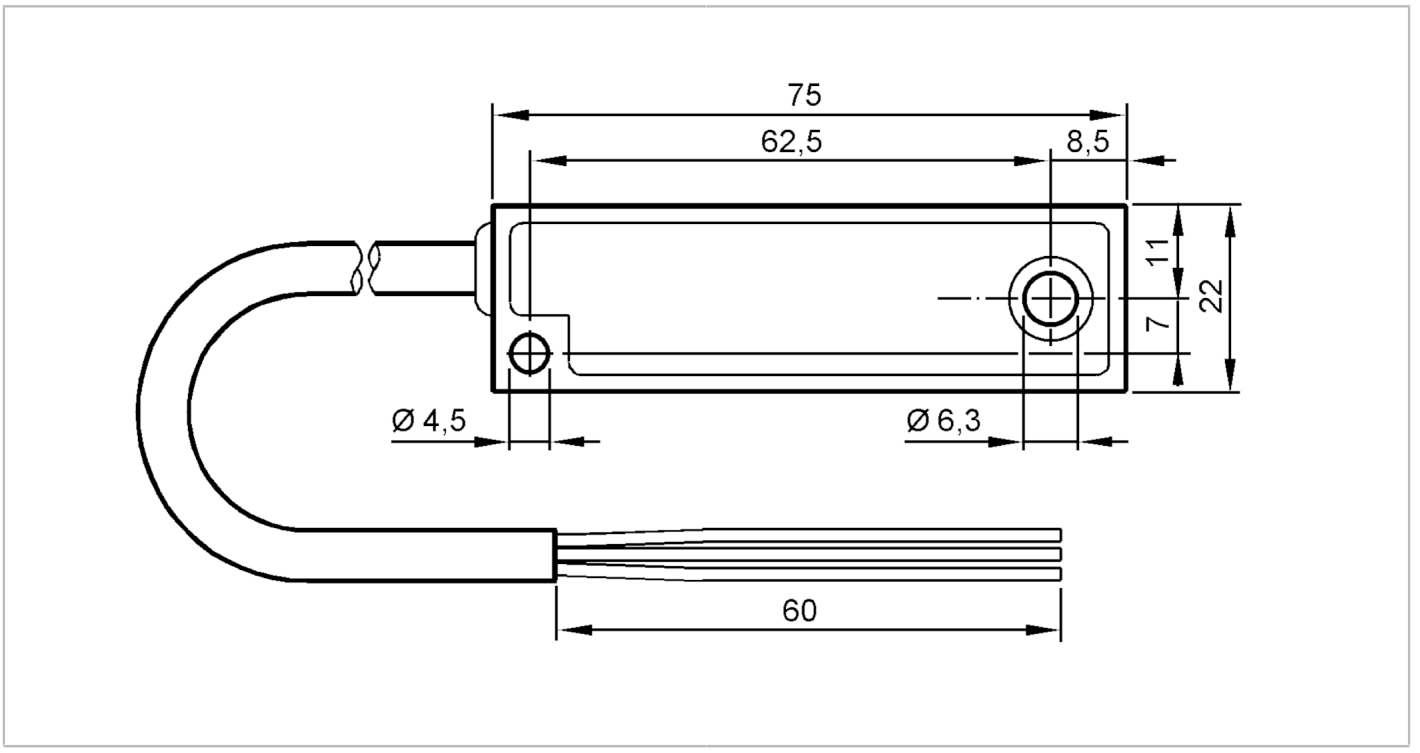
EC2061

Tilt switch

R360/INCLINATION SWITCH



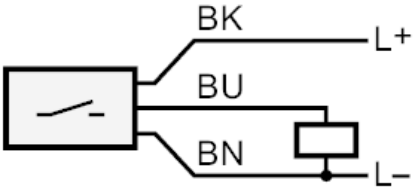
Product characteristics		
Number of measurement axes		1; (Z)
Angular range	[°]	1…-6
Housing		plastic housing
Application		
Function principle		static
Operating principle		noble metal with liquid
Electrical data		
Operating voltage	[V]	8...30 DC
Max. current consumption	[mA]	700
Protection class		III
Reverse polarity protection		yes
Reverse polarity protection		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital outputs: 1
Outputs		
Output signal		switching signal
Number of digital outputs		1
Output function		normally open
Measuring/setting range		
Note on setpoint SP		switch point (ON): 0° = horizontal (absolute) installation position
		reset point (OFF): -2...-5° (counterclockwise movement of the cable outlet)
		hysteresis SP and RP: +/- 1°

EC2061

Tilt switch

R360/INCLINATION SWITCH

Number of measurement axes		1; (Z)
Angular range	[°]	1…-6
Accuracy / deviations		
Accuracy	[°]	0,2
Repeatability	[°]	<0,2
Operating conditions		
Ambient temperature	[°C]	-30...80
Storage temperature	[°C]	-30...80
Protection		IP 67
Tests / approvals		
MTTF	[years]	571
Mechanical data		
Weight	[g]	226.9
Housing		plastic housing
Type of mounting		Metallbuchse Ø 6,3 mm zur Befestigung des Neigungsschalters Loch Ø 4,5 mm zur Fixierung des Neigungsschalters
Dimensions	[mm]	75 x 22 x 18
Installation position		horizontal
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 3.1 m, PVC		
Connection		



L+	black
L-	brown
Out	blue

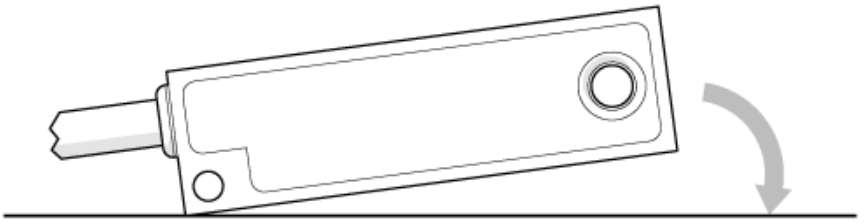
EC2061

Tilt switch

R360/INCLINATION SWITCH

Diagrams and graphs

Mess- und Montagerichtung



horizontale Einbaulage / Rotation um Z-Achse