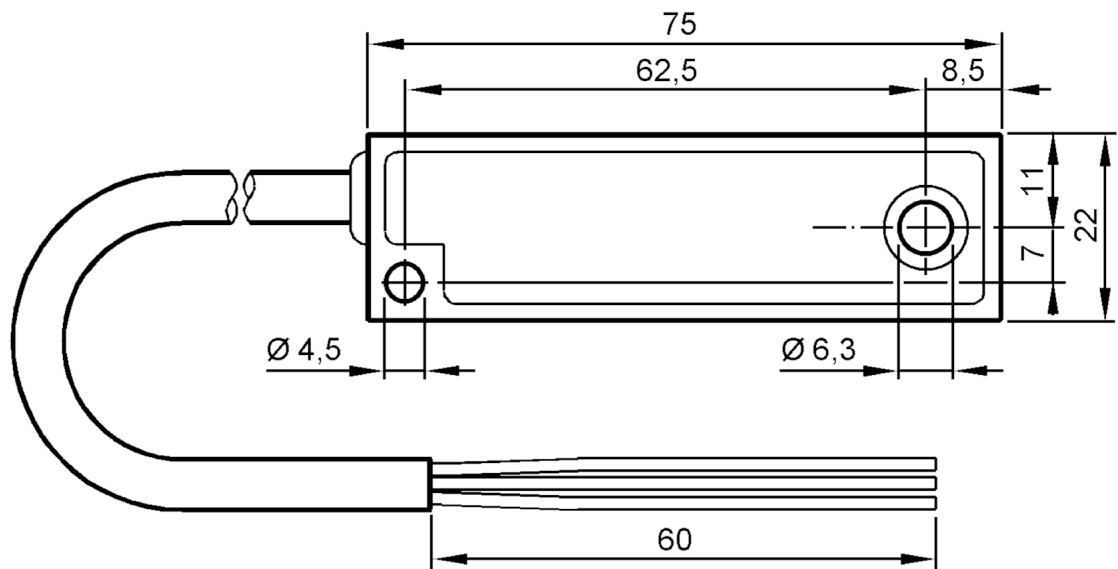


EC2061



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
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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°
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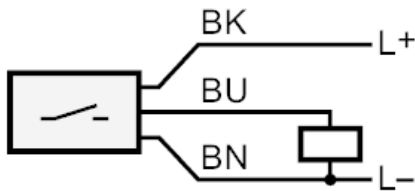
EC2061



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	[ANN]	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		



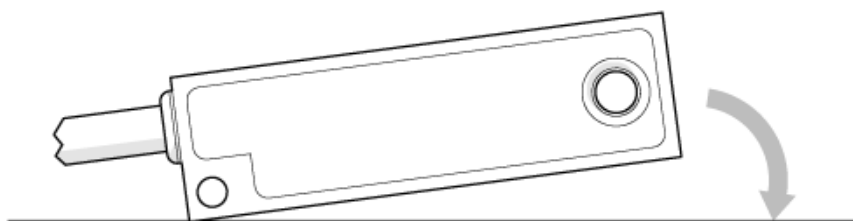
L+	black
L-	brown
Out	blue

Tilt switch

R360/INCLINATION SWITCH

Diagrams and graphs

Mess- und Montagerichtung



horizontale Einbaulage / Rotation um Z-Achse