



Inclination sensor

R360/INCLINOMETER/0,5-4,5



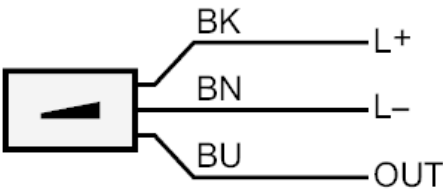
Product characteristics		
Number of measurement axes		1
Angular range	[°]	± 90
Application		
Function principle		static
Electrical data		
Operating voltage	[V]	8...30 DC
Current consumption	[mA]	< 35
Protection class		III
Reverse polarity protection		yes
Reverse polarity protection		yes
Inputs / outputs		
Number of inputs and outputs		Number of analogue outputs: 1
Outputs		
Output signal		analogue signal
Number of analogue outputs		1
Analogue voltage output	[V]	0.5...4.5
Min. load resistance	[Ω]	50000
Overload protection		yes
Measuring/setting range		
Number of measurement axes		1
Angular range	[°]	± 90



Inclination sensor

R360/INCLINOMETER/0,5-4,5

Accuracy / deviations		
Accuracy	[°]	<±7; (the zero point error can be compensated for by adjusting the unit by ± 4°)
Repeatability	[°]	0,1
Operating conditions		
Ambient temperature	[°C]	-30...85
Storage temperature	[°C]	-30...85
Protection		IP 67
Tests / approvals		
MTTF	[years]	884
Mechanical data		
Weight	[g]	282
Dimensions	[mm]	40.5 x 40.5 x 52.2
Materials		housing: PPO
Tightening torque	[Nm]	1.8
Installation position		vertical
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 3.5 m, PUR		
Connection		



Inclination sensor

R360/INCLINOMETER/0,5-4,5

Diagrams and graphs

Mess- und Montagerichtung



vertikale Einbaulage / Rotation um Z-Achse