

EC2045



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 analog outputs: 1
Outputs		
Output signal		analog signal
Number of analog outputs		1
Analog 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

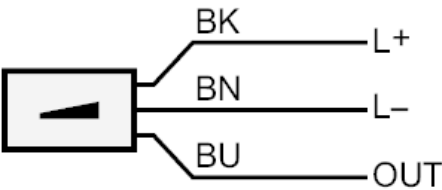
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Accuracy / deviations		
Accuracy	[°]	<±7; (the zero point error can be compensated for by adjusting the unit by ± 4°)
Repeatability	[°]	0,1
Operating conditions		
Ambient temperature	[°C]	-30...85
Storage temperature	[°C]	-30...85
Protection		IP 67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



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Diagrams and graphs

Mess- und Montagerichtung



vertikale Einbaulage / Rotation um Z-Achse