



## Inclinometers

### Precise and reliable detection – even in harsh environments.

Kübler inclinometers can be used for any conceivable application. Their robust housing, high degree of protection and wide temperature range contribute to reliable and long-lasting operation. Their flat design makes installation flexible and simple. Their high accuracy is a special feature because it remains stable even in the harshest environments and with temperature fluctuations. So you always have an optimal and reliable measurement in your plant or machine.

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## Inclinometers

		Measuring angle max.	Accuracy max.	Resolution max.	Dimensions in mm [inch]	Absolute analog	CANopen	Modbus	SAE J1939 <b>new</b>	Reaction time in s	Temperature range in °C [°F]	Protection max.	Type of connection	 RoHS compliant	Approvals
<b>1-dimensional</b>															
	MEMS, capacitive <b>IN81</b>	360°	±0.2°	12 bit	80 x 60 x 23	4 ... 20mA 0.1 ... 4.9V 0.5 ... 4.5V 0 ... 5V 0 ... 10V	-	-	-	0.1	-40 ... +85 [-40...+185]	IP69k	M12	•	 
	MEMS, capacitive <b>IN88</b>	360°	±0.4°	0.01°	80 x 60 x 23	-	•	•	•	0.1	-40 ... +85 [-40...+185]	IP69k	M12	•	 
	MEMS, capacitive <b>IS40</b>	360°	±0.5°	0.15°	60 x 30 x 20	4 ... 20mA 0.1 ... 4.9V	-	-	-	0.1	-30 ... +70 [-22...+158]	IP69k	M12	•	-
<b>2-dimensional</b>															
	MEMS, capacitive <b>IN81</b>	±85°	±0.2°	12 bit	80 x 60 x 23	4 ... 20mA 0.1 ... 4.9V 0.5 ... 4.5V 0 ... 5V 0 ... 10V	-	-	-	0.1	-40 ... +85 [-40...+185]	IP69k	M12	•	 
	MEMS, capacitive <b>IN88</b>	±85°	±0.4°	0.01°	80 x 60 x 23	-	•	•	•	0.1	-40 ... +85 [-40...+185]	IP69k	M12	•	 
	MEMS, capacitive <b>IS40</b>	±60°	±0.5°	0.15°	60 x 30 x 20	4 ... 20mA 0.1 ... 4.9V 2 % ... 98 %	-	-	-	0.1	-30 ... +70 [-22...+158]	IP69k	M12	•	-