

Ind. angular measuring system

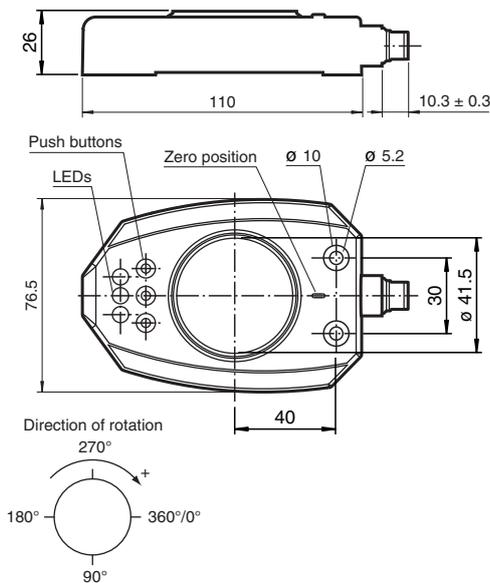
PMI360D-F130-IE8-V15



- Measuring range 0 ... 360°
- Analog output 4 mA ... 20 mA
- Adjustable switch points



Dimensions



Technical Data

General specifications

Installation	non-flush
Measurement range	360°
Rotational speed	max. 100 min ⁻¹

Nominal ratings

Operating voltage	U _B	18 ... 30 V
Reverse polarity protection		reverse polarity protected
Repeat accuracy	R	± 0.25 °
Resolution		0.4°
Temperature drift		0.02 ° / °C (-25 °C ... 70 °C)
No-load supply current	I ₀	≤ 45 mA
Operating voltage indicator		LED green

Functional safety related parameters

MTTF _d	265 a
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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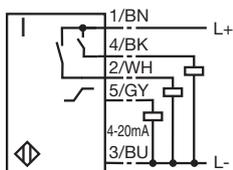
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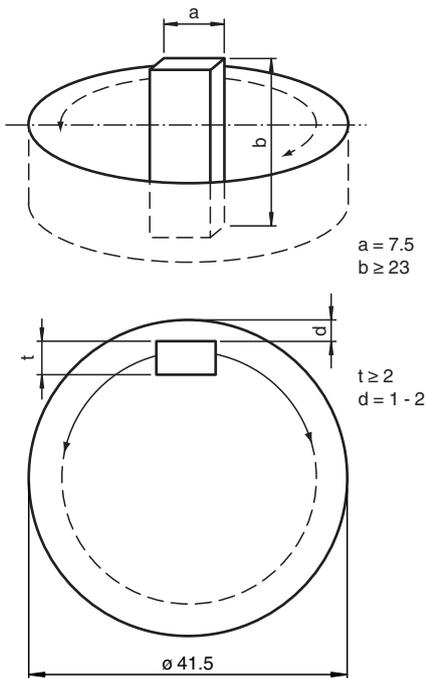
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Switching output		
Output type		2 switch outputs PNP, NO , reverse polarity protected , short-circuit protected
Operating current	I _L	≤ 100 mA
Voltage drop		≤ 3 V
Short-circuit protection		pulsing
Analog output		
Output type		1 current output: 4 ... 20 mA
Linearity error		± 0.6 ° , (with original actuator)
Load resistor		≤ 400 Ω
Compliance with standards and directives		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates		
UL approval		cULus Listed, General Purpose, Class 2 Power Source
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Storage temperature		-40 ... 100 °C (-40 ... 212 °F)
Mechanical specifications		
Connection type		5-pin, M12 x 1 connector
Housing material		PBT
Shaft diameter		max. 27.5 mm Steel
Degree of protection		IP67
Mass		180 g

Connection



Dimensions

dimensions of the target object:



Accessories

	BT-F130-A	Actuator for F130 series
	V15-G-2M-PVC	Female cordset, M12, 5-pin, PVC cable
	V15-W-2M-PVC	Female cordset, M12, 5-pin, PVC cable