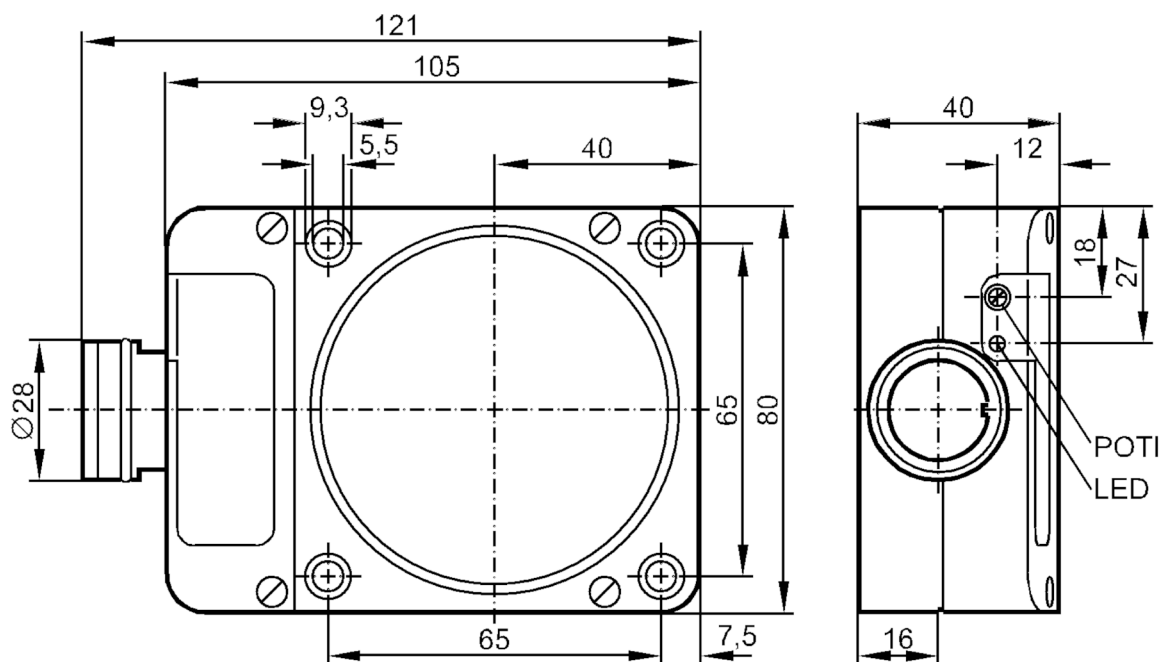


Inductive sensor

IDE2060-FBOW/TS-700-A

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Product characteristics

Output function		normally open / closed; (selectable)
Sensing range	[mm]	60
Housing		rectangular
Dimensions	[mm]	105 x 80 x 40

Electrical data

Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC
Reverse polarity protection		no

Outputs

Output function		normally open / closed; (selectable)
Max. voltage drop switching output AC	[V]	5.5
Minimum load current	[mA]	5
Max. leakage current	[mA]	2.5
Permanent current rating of switching output AC	[mA]	300; (500 (...50 °C))
Short-time current rating of switching output	[mA]	2200; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	4
Short-circuit protection		no
Overload protection		no

Monitoring range

Sensing range	[mm]	60
Sensing range adjustable		yes
Factory setting sensing range	[mm]	60



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Real sensing range Sr	[mm]	60 ± 10 %
Operating distance	[mm]	0...48.6

Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	3...15
Switch-point drift	[% of Sr]	-10...10

Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65

Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data		
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	105 x 80 x 40
Material		PPE modified

Displays / operating elements		
Display	Switching status	1 x LED, yellow

Accessories		
Items supplied		screwdriver: 1

Remarks		
Pack quantity		1 pcs.

Electrical connection - plug

Connector: 1 x Ø 28 mm; coding: A

