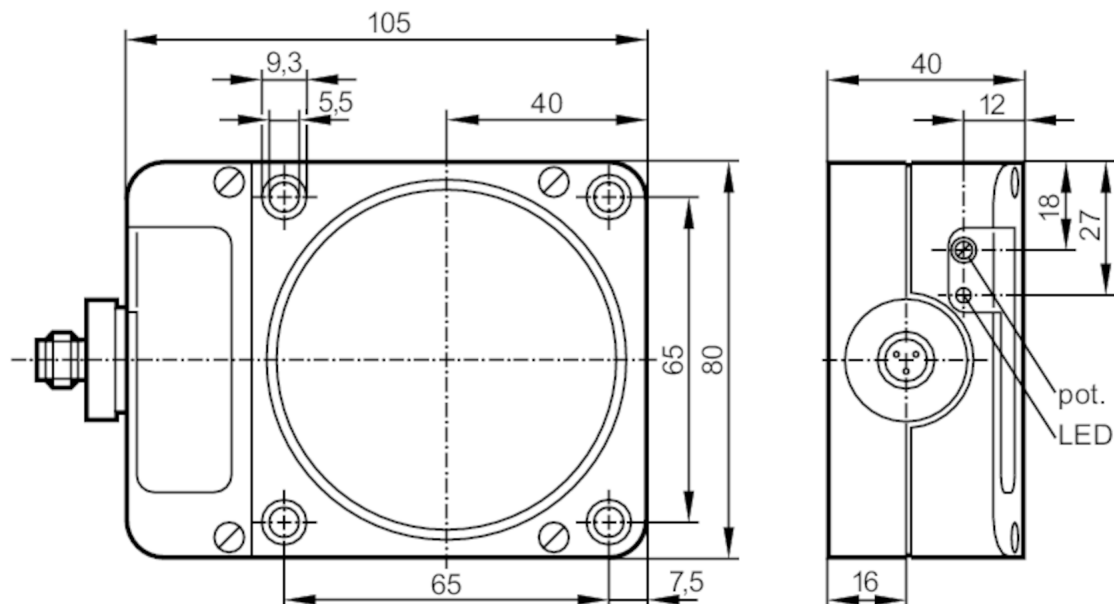


ID3508



Inductive sensor

IDE2060-FBOA/LS100AK



Product characteristics

Output function		normally open
Sensing range	[mm]	60
Housing		rectangular
Dimensions	[mm]	105 x 80 x 40

Electrical data

Operating voltage	[V]	20...250 AC/DC
Protection class		II
Reverse polarity protection		no

Outputs

Output function		normally open
Max. voltage drop switching output DC	[V]	6.5
Max. voltage drop switching output AC	[V]	6.5
Minimum load current	[mA]	5
Max. leakage current	[mA]	2.5 (250 V AC) / 1.3 (110 V AC) / 1 (24 V DC)
Permanent current rating of switching output AC	[mA]	250; (350 (...50 °C))
Permanent current rating of switching output DC	[mA]	100
Short-time current rating of switching output	[mA]	2200; (20 ms / 0,5 Hz)
Switching frequency AC	[Hz]	4
Switching frequency DC	[Hz]	4
Short-circuit protection		no
Overload protection		no



Inductive sensor

IDE2060-FBOA/LS100AK

Detection zone		
Sensing range	[mm]	60
Sensing range adjustable		yes
Factory setting sensing range	[mm]	60
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 / aluminium: 0.3 / copper: 0.2
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-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		
Weight	[g]	462.664
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	105 x 80 x 40
Materials		PPE
Displays / operating elements		
Display	switching status	1 x LED, red
Аксессуары		
Items supplied		screwdriver: 1
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x 1/2"; coding: C		
		



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Connection

