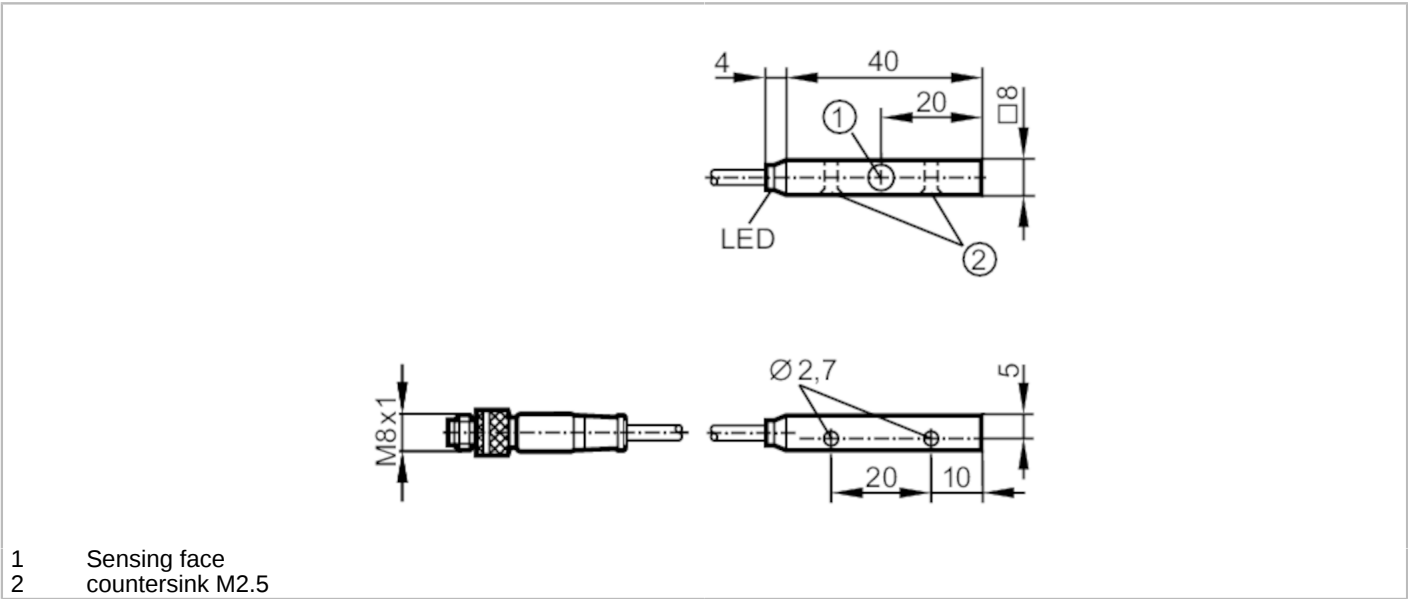




Inductive sensor

ILA3002-BPKG/MITTIG/0,31M/ASRT



- 1 Sensing face
- 2 countersink M2.5



Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	2
Housing		rectangular
Dimensions	[mm]	40 x 8 x 8
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 15
Protection class		III
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	2000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range	[mm]	2
Real sensing range Sr	[mm]	2 ± 10 %
Operating distance	[mm]	0...1.6



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Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[ANN]	3449
UL approval	Ta	-25...70 °C
	Enclosure type	Type 1
	подача напруги	Limited Voltage/Current
	File number UL	E174191
Mechanical data		
Weight	[g]	23.4
Housing		rectangular
Mounting		flush mountable
Dimensions	[mm]	40 x 8 x 8
Materials		brass white bronze coated; sensing face: LCP
Displays / operating elements		
Display	switching status	1 x LED, red
Аксессуары		
Items supplied		countersunk screws: 2 x M2,5 x 12
Remarks		
Remarks		limited voltage requirements to UL 508: electrically isolated operating voltage protected by an overcurrent device
Pack quantity		1 pcs.
Electrical connection - plug		
Cable: 0.31 m, PUR / PVC		
Connector: 1 x M8; coding: A; Locking: knurled nut, rotatable		
		



IL5025



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Connection

