

IM5057



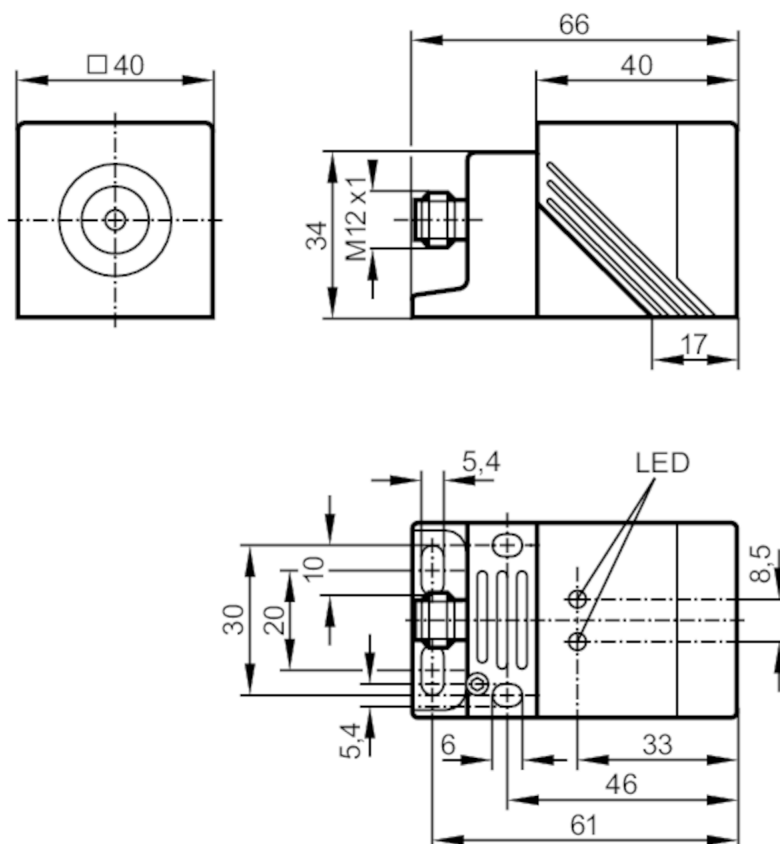
Inductive sensor

IMC3015-BPKG/US-100-DPS

Article no longer available - archive entry

Alternative articles: IM5115

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	15
Housing	rectangular
Dimensions [mm]	40 x 40 x 66

Application

Special feature	Gold-plated contacts
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Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP
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Inductive sensor

IMC3015-BPKG/US-100-DPS

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]	300
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range	[mm]	15
Real sensing range Sr	[mm]	15 ± 10 %
Operating distance	[mm]	0...12.1
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / 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 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing		rectangular
Mounting		flush mountable
Dimensions	[mm]	40 x 40 x 66
Materials		housing: PBT; sensing face: PPE; clamp: PPS
Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green
Аксессуары		
Items supplied	Mounting bracket: 1	
	Allen key: 1	
Remarks		
Remarks	5 positions of the active zone possible	
Pack quantity	1 pcs.	

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Electrical connection - plug

Connector: 1 x M12; coding: A; Contacts: gold-plated



Connection

