

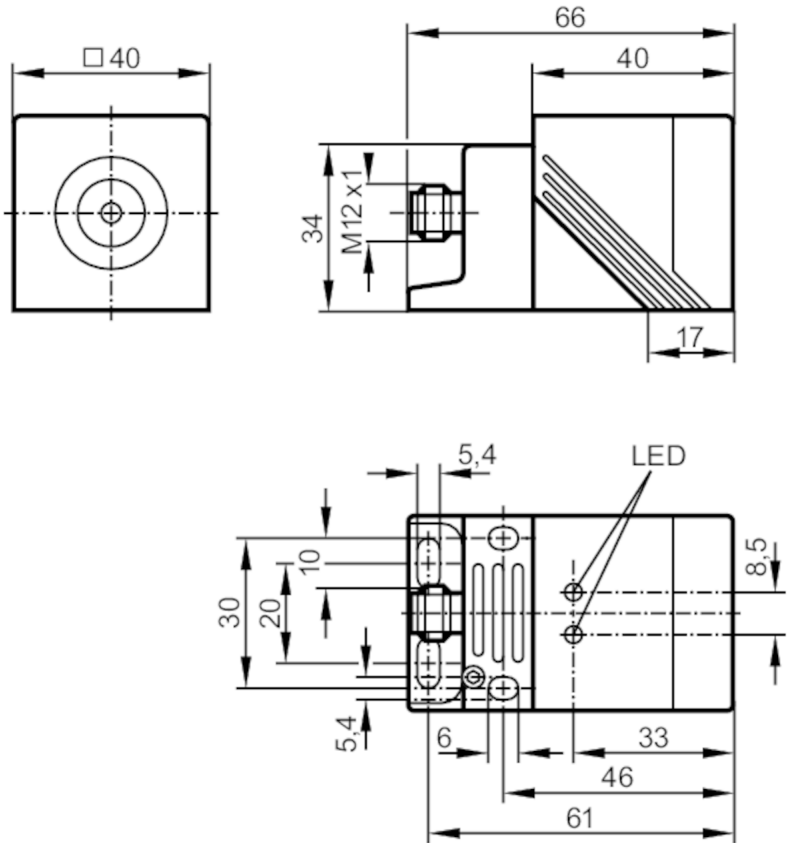
IM5070



Inductive sensor

IMC3035ZBPKG/US-100-DPS

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Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	35
Housing		rectangular
Dimensions	[mm]	40 x 40 x 66
Application		
Special feature		Gold-plated contacts
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
Output function		normally open

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Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	100
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Sensing range	[mm]	35
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Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
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Operating conditions

Ambient temperature	[°C]	0...100
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Housing	rectangular
Mounting	non-flush mountable
Dimensions	[mm] 40 x 40 x 66
Materials	housing: PPE; sensing face: PPE; end cap: PPS; 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.

Electrical connection - plug

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



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Connection

