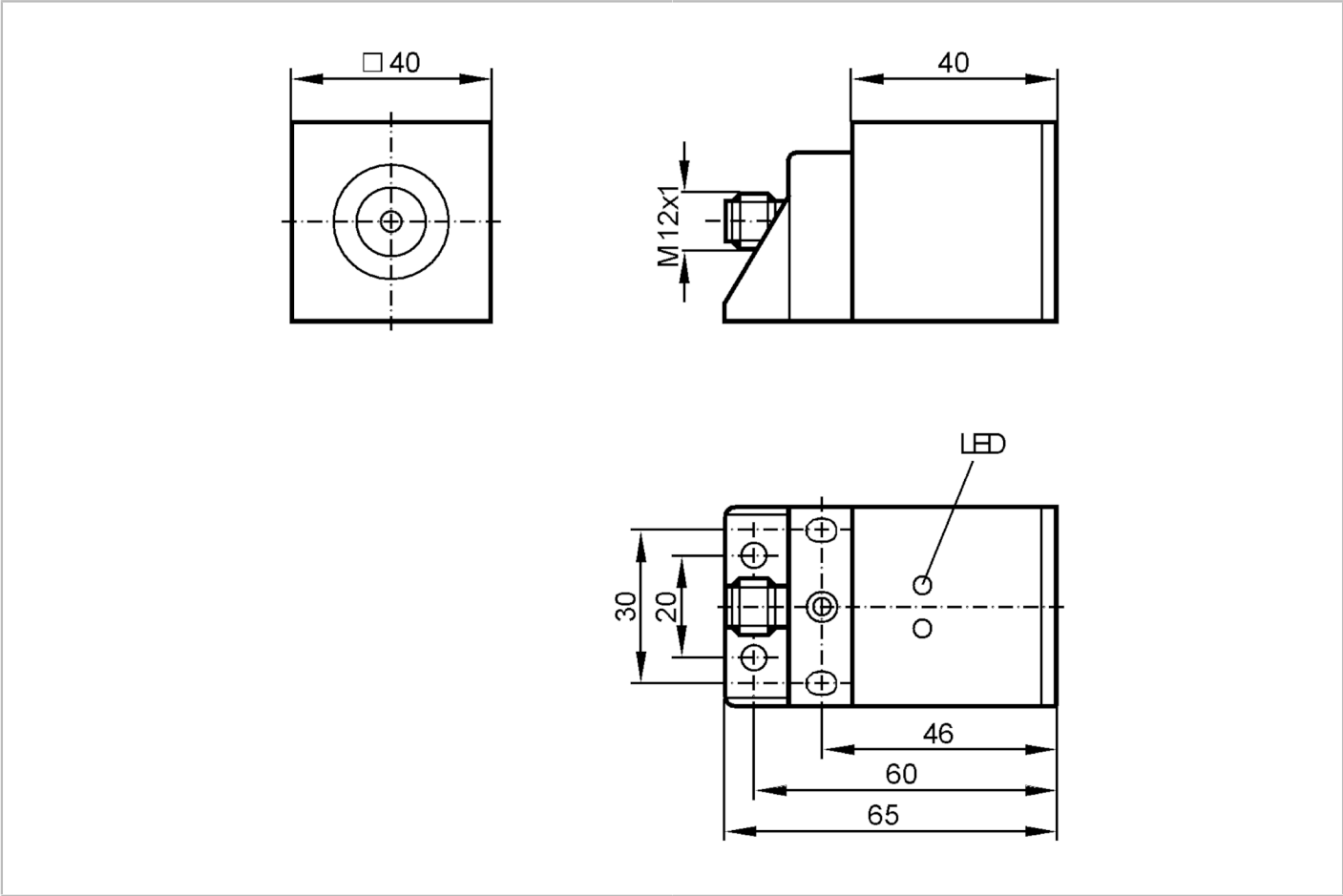




Inductive sensor

IMC3035UBPKG/US/K1

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Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	35
Housing		rectangular
Application		
Special feature		Correction factor K = 1
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 15
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2

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Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	250
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: 1.1 / brass: 1.1 / aluminium: 1.1 / copper: 1.1	
Correction factor K = 1		yes

Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
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Mechanical data

Housing	rectangular	
Mounting	non-flush mountable	
Materials	PBT	

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green

Accessories

Items supplied	Mounting bracket: 1	
	Allen key: 1	

Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Connector: 1 x M12; coding: A



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Connection

