

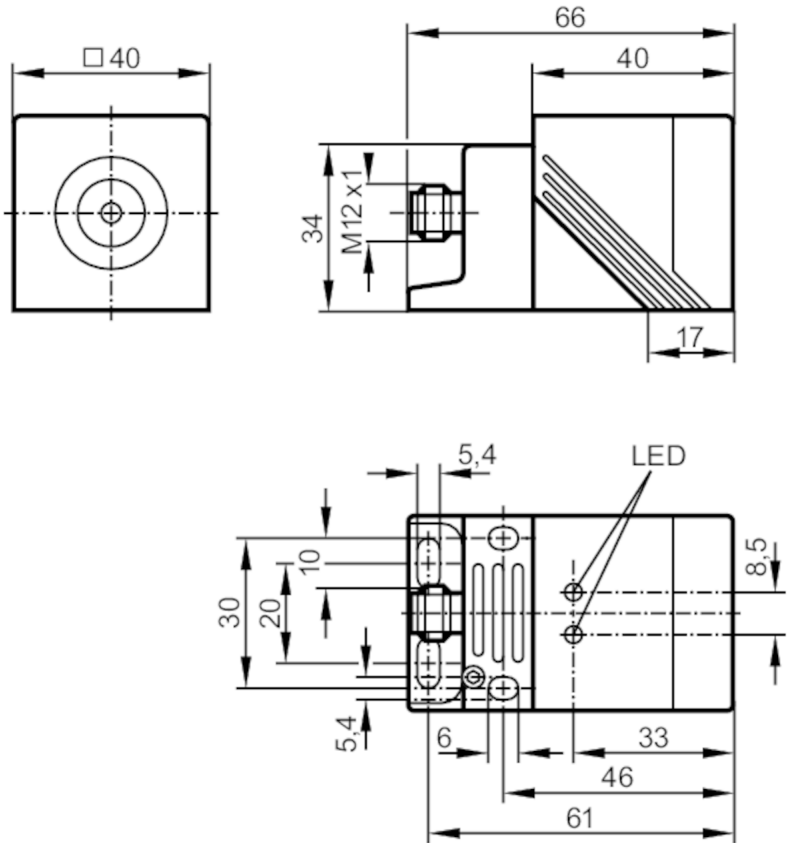
IM5074



Inductive sensor

IMC4015BCPKG/K1/US-100-DPA

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Product characteristics		
Electrical design		PNP
Output function		complementary
Sensing range	[mm]	15
Housing		rectangular
Dimensions	[mm]	40 x 40 x 66
Application		
Special feature		Correction factor K = 1
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	20; (24 V)
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		complementary

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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
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Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 1.05 / brass: 1.05 / aluminium: 1.05 / copper: 1.05	
Correction factor K = 1		yes

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		brass nickel-plated; PES; PC

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

