

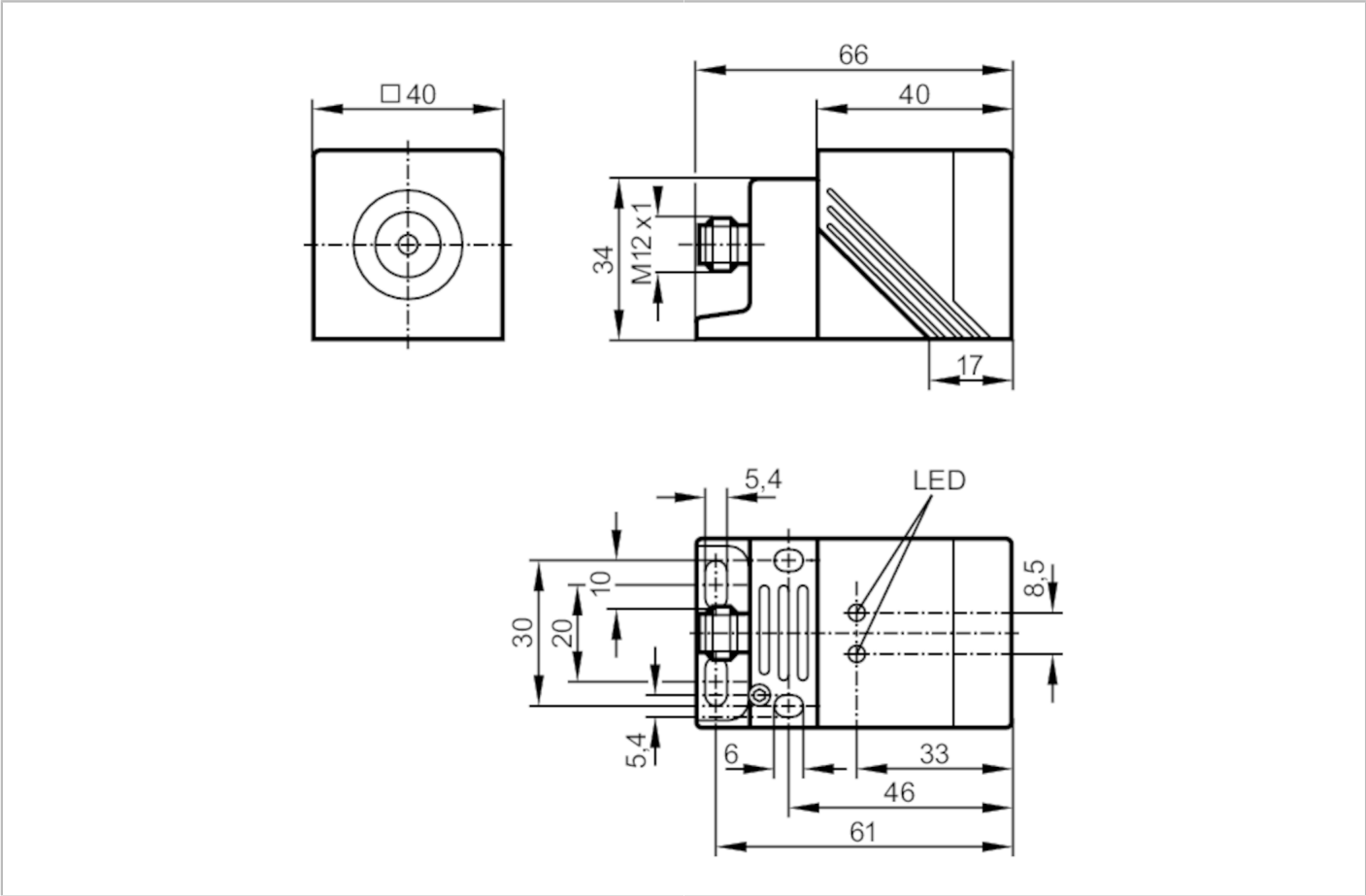
IM5074



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		
System		correction factor = 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		yes (non-latching)
Overload protection		yes

Monitoring range		
Sensing range	[mm]	15

Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 1.05 / brass: 1.05 / aluminum: 1.05 / copper: 1.05	
Correction factor = 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
Material	brass nickel-plated; PES; PC	

Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Power	1 x LED, green

Accessories		
Items supplied	Mounting bracket: 1	
	Allen key: 1	

Remarks		
Pack quantity	1 pcs.	

Electrical connection - plug		
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Connector: 1 x M12; coding: A



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Connection

