



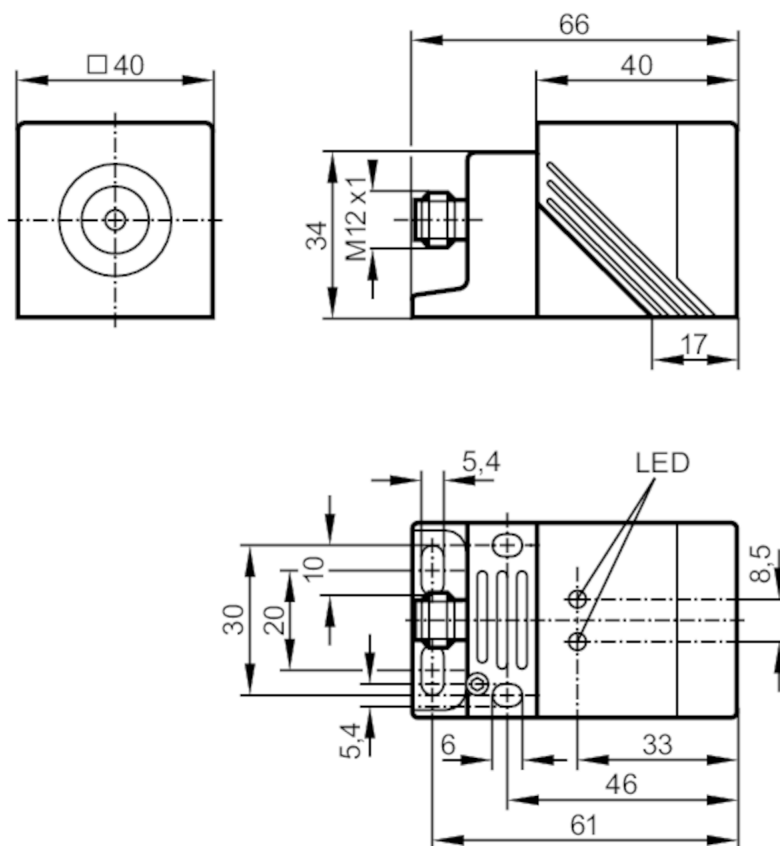
Inductive sensor

IMC4035-CPKG/K1/US-100-DPA

Article no longer available - archive entry

Alternative articles: IM5133 or IM5135

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



Product characteristics

Electrical design	PNP
Output function	complementary
Sensing range [mm]	35
Housing	rectangular
Dimensions [mm]	40 x 40 x 66

Application

Special feature	Gold-plated contacts; Correction factor K = 1
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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
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Inductive sensor

IMC4035-CPKG/K1/US-100-DPA

Output function		complementary	
Max. voltage drop switching output DC	[V]	2.5	
Permanent current rating of switching output DC	[mA]	250	
Switching frequency DC	[Hz]	250	
Short-circuit protection		yes	
Type of short-circuit protection		pulsed	
Overload protection		yes	
Detection zone			
Sensing range	[mm]	35	
Real sensing range Sr	[mm]	35 ± 10 %	
Operating distance	[mm]	0...28.3	
Accuracy / deviations			
Correction factor		steel: 1 / stainless steel: 1.1 / brass: 1.1 / aluminium: 1.1 / copper: 1.1	
Hysteresis	[X01]	1...15	
Switch point drift	[X01]	-10...10	
Correction factor K = 1		yes	
Operating conditions			
Ambient temperature	[°C]	-25...70	
Protection		IP 67	
Tests / approvals			
EMC	EN 60947-5-2		
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.		

IM5097



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Electrical connection - plug

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



Connection

