



Inductive sensor

IMC4035-CPKG/US-100-DPA

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Alternative articles: IM5134 or IM5136

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
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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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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]		100	
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: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis [X01]		1...15	
Switch point drift [X01]		-10...10	
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		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.	

IM5066



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Electrical connection - plug

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



Connection

