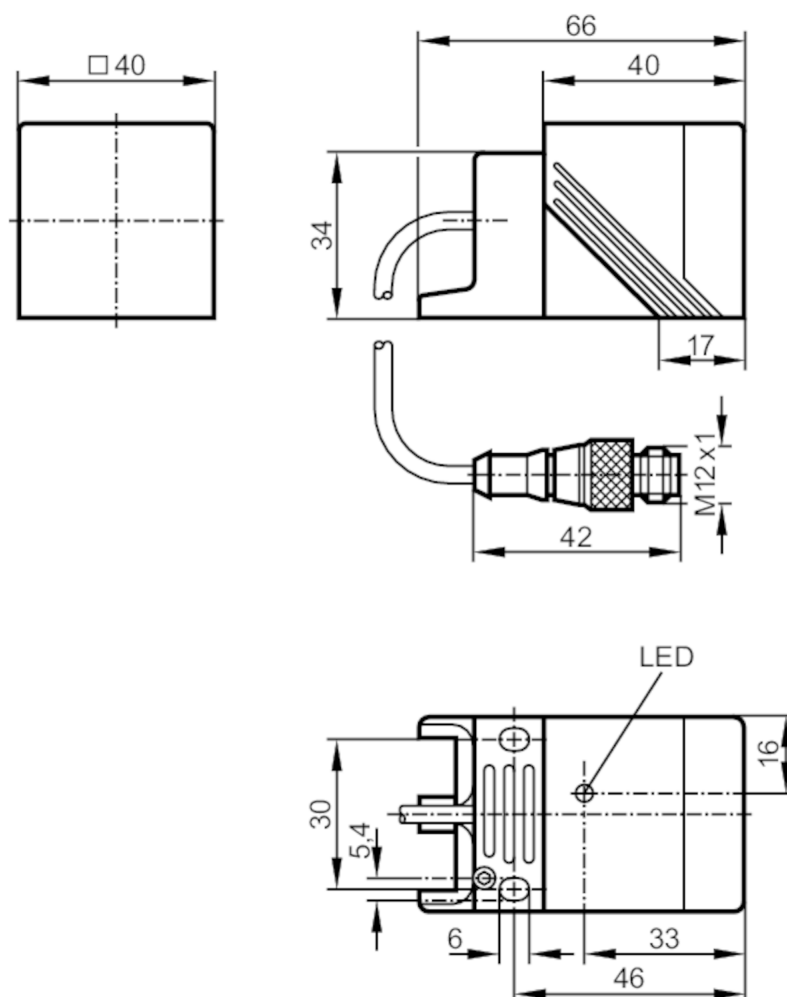


Inductive sensor

IMC2015-BRKG/UP/0.15M/PUR/US

Article no longer available - archive entry



Product characteristics

Electrical design	PNP/NPN
Output function	normally closed
Sensing range [mm]	15
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...55 DC
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP/NPN
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Output function		normally closed
Max. voltage drop switching output DC [V]		4.6
Minimum load current [mA]		2
Max. leakage current [mA]		0.8
Permanent current rating of switching output DC [mA]		100
Switching frequency DC [Hz]		150
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range [mm]		15
Real sensing range Sr [mm]		15 ± 10 %
Operating distance [mm]		0...12.1
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	flush mountable	
Dimensions [mm]	40 x 40 x 66	
Materials	housing: PBT; sensing face: PEI; clamp: PPS	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Аксессуары		
Items supplied	Mounting bracket: 1	
	Allen key: 1	
Remarks		
Pack quantity	1 pcs.	

IM9207



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Electrical connection - plug

Cable: 0.15 m, PUR

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



Connection

