

IM9904

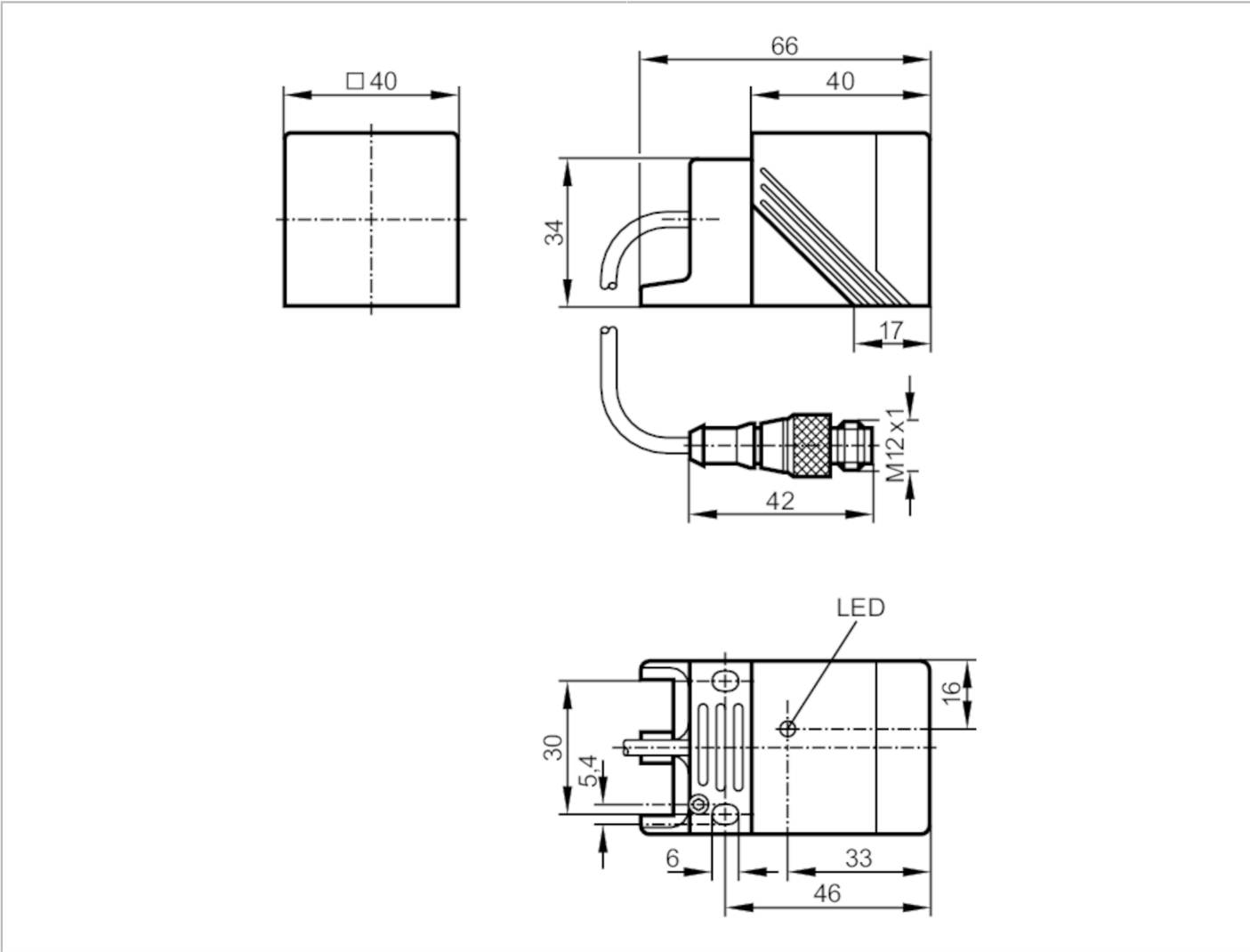


Inductive sensor

IMC2015-ARKG/0,80M/PUR/US RT

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Alternative articles: IM5138
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics	
Electrical design	PNP/NPN
Output function	normally open
Sensing range [mm]	15
Housing	rectangular
Dimensions [mm]	40 x 40 x 66
Application	
System	gold-plated contacts
Electrical data	
Operating voltage [V]	10...55 DC
Protection class	II



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Reverse polarity protection	yes	
Outputs		
Electrical design	PNP/NPN	
Output function	normally open	
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	yes (non-latching)	
Overload protection	yes	
Monitoring range		
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 / aluminum: 0.3 / copper: 0.2	
Hysteresis [% of Sr]	1...15	
Switch-point drift [% of Sr]	-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	
Material	housing: PBT; sensing face: PEI; clamp: PPS	
Displays / operating elements		
Display	Switching status	1 x LED, red
Accessories		
Items supplied	Mounting bracket: 1	
	Allen key: 1	
Remarks		
Pack quantity	1 pcs.	

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Electrical connection - plug

Cable: 0.8 m, PUR

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



Connection

