

IM0014

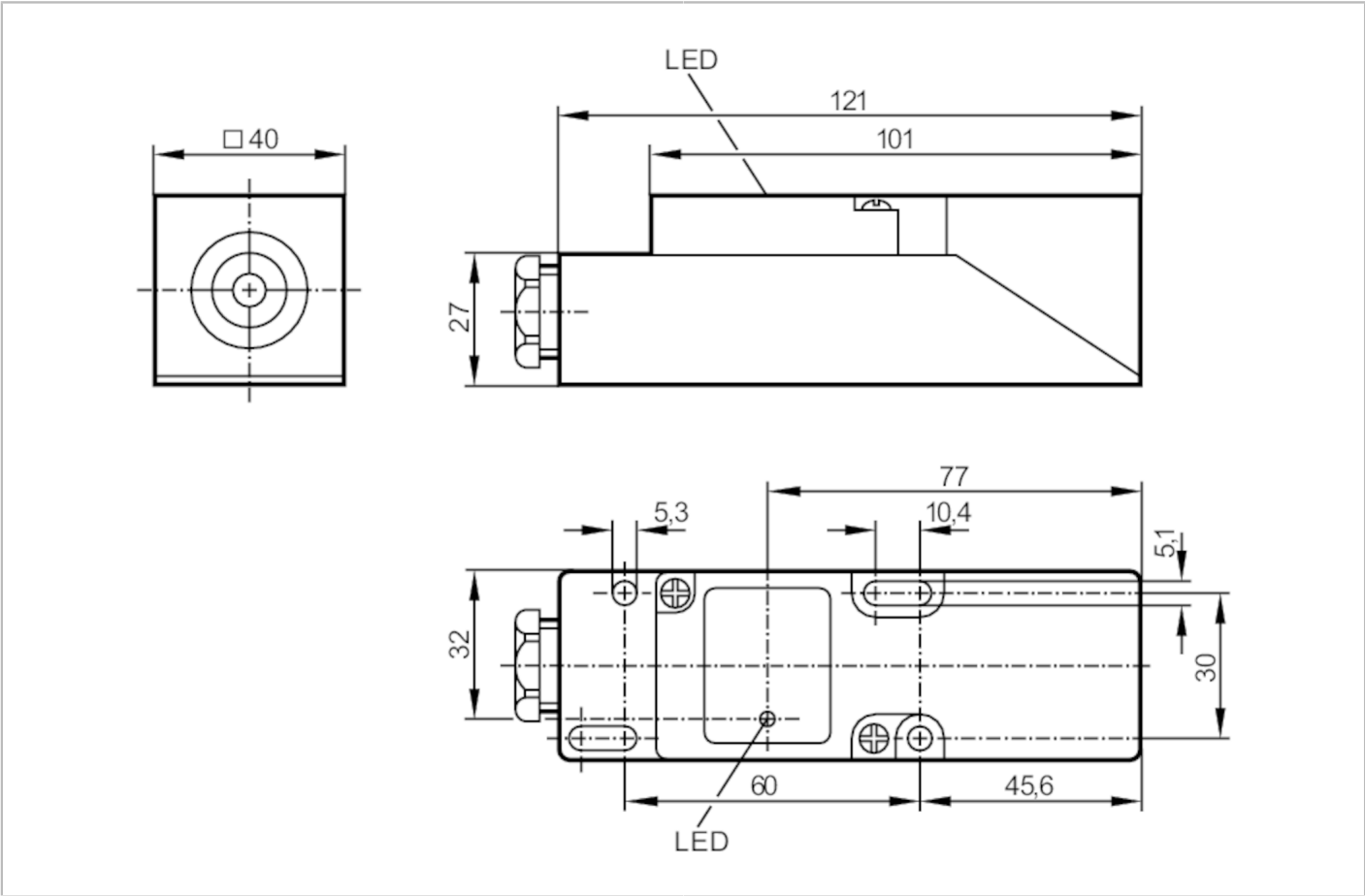


Inductive sensor

IME2015BABOA/6M/ANSCHLRAUM VRG

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Alternative articles: IM0011
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics		
Output function		normally open
Sensing range	[mm]	15
Housing		rectangular
Dimensions	[mm]	40 x 40 x 120
Electrical data		
Operating voltage	[V]	20...250 AC/DC
Protection class		II
Reverse polarity protection		no
Outputs		
Output function		normally open
Max. voltage drop switching output DC	[V]	6
Max. voltage drop switching output AC	[V]	6.5
Minimum load current	[mA]	5

IM0014



Inductive sensor

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Max. leakage current	[mA]	2.5 (250 V AC) / 1.3 (110 V AC) / 0.8 (24 V DC)	
Permanent current rating of switching output AC	[mA]	250; (350 (...50 °C))	
Permanent current rating of switching output DC	[mA]	100	
Short-time current rating of switching output	[mA]	2200; (20 ms / 0,5 Hz)	
Switching frequency AC	[Hz]	20	
Switching frequency DC	[Hz]	55	
Short-circuit protection		no	
Overload protection		no	
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...80	
Protection		IP 65	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Housing		rectangular	
Mounting		flush mountable	
Dimensions	[mm]	40 x 40 x 120	
Material		PPE	
Displays / operating elements			
Display		Switching status	1 x LED, yellow
Remarks			
Remarks		5 positions of the active zone possible	
Pack quantity		1 pcs.	

IM0014



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Electrical connection

Cable: 6 m, PVC; 2 x 0.5 mm²

Connection

