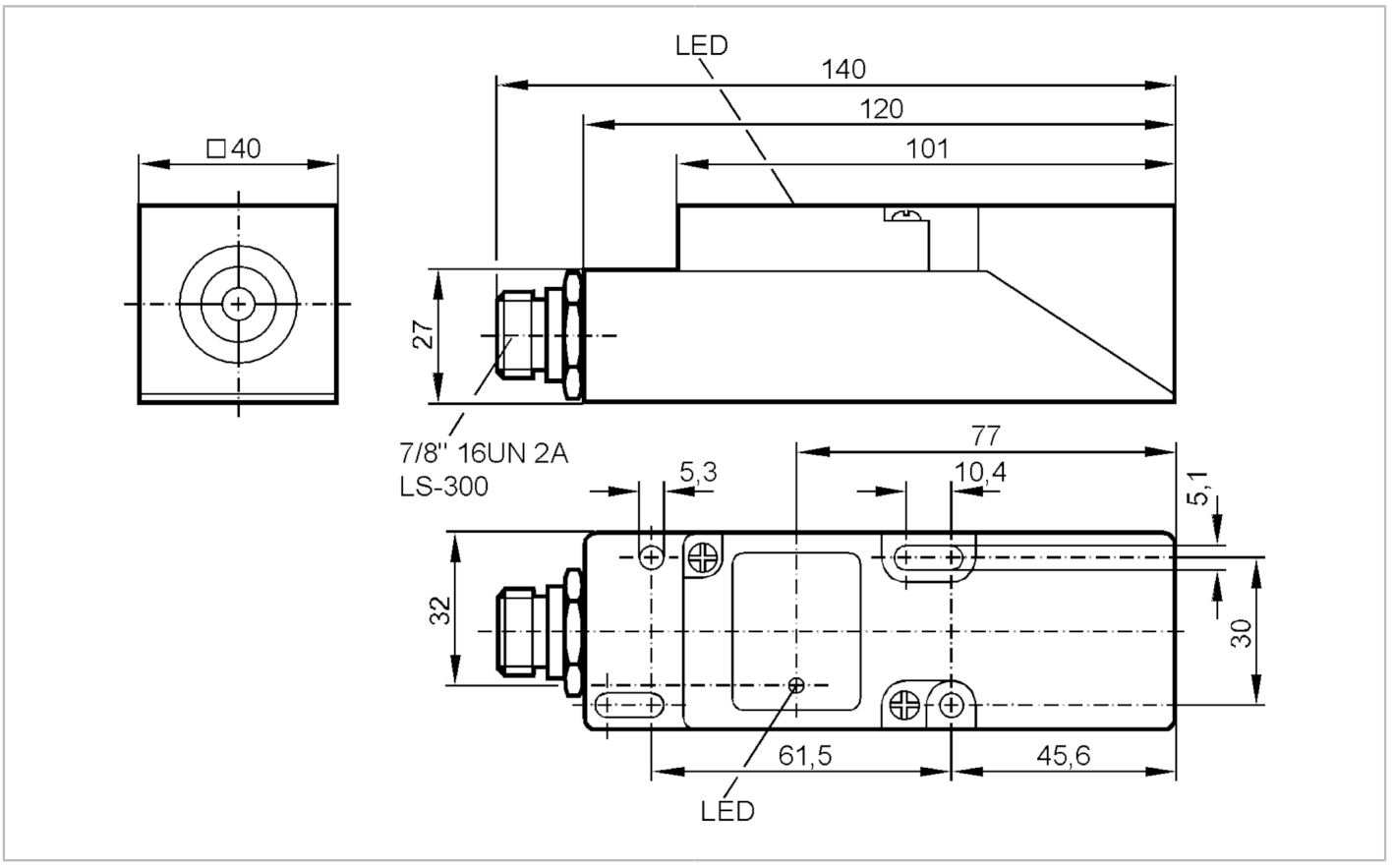
IM8502

Inductive sensor

IME3015BFPKG/LS400LPS



Product characteristics		
Output function		normally open / normally closed; (selectable)
Sensing range	[mm]	15
Housing		rectangular
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 15
Reverse polarity protection		yes
Outputs		
Output function		normally open / normally closed; (selectable)
Max. voltage drop switching output DC	[V]	2.5
Minimum load current	[mA]	0
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	350
Short-circuit protection		yes
Overload protection		yes
Detection zone		
Sensing range	[mm]	15
Real sensing range Sr	[mm]	15 ± 10 %
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2

IM8502

Inductive sensor

IME3015BFPKG/LS400LPS

Hysteresis	[% of Sr]	3...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			
Weight	[g]	226.796	
Housing		rectangular	
Mounting		flush mountable	
Materials		PPE	
Displays / operating elements			
Display		switching status	1 x LED, red
Remarks			
Remarks		Remove jumper for normally closed	
Pack quantity		1 pcs.	
Electrical connection - plug			

Connector: 1 x 7/8"; coding: A



Connection

