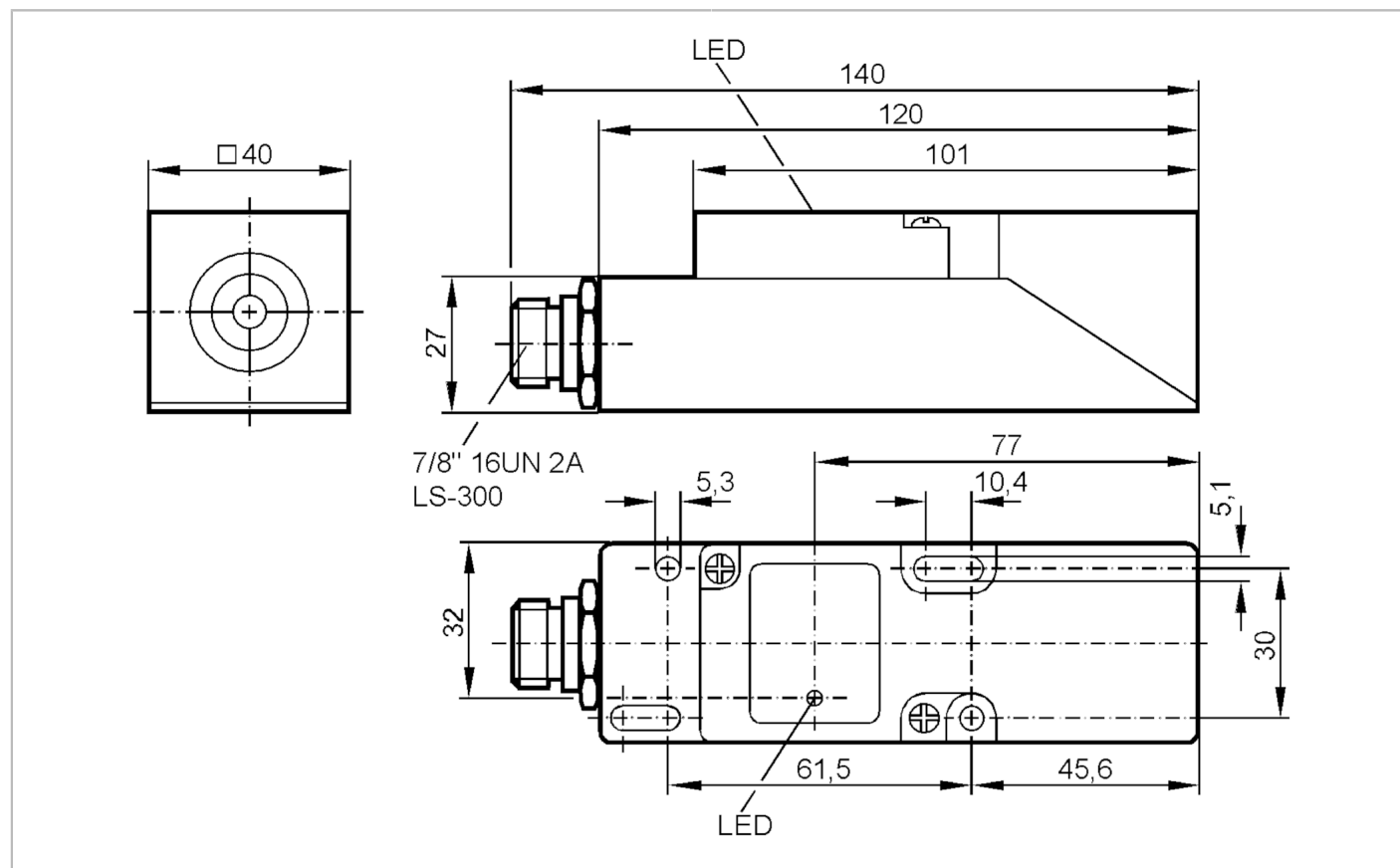


IM8504



Inductive sensor

IME3020-FPKG/LS400LPS



Product characteristics

Output function		normally open / closed; (selectable)
Sensing range	[mm]	20
Housing		rectangular
Dimensions	[mm]	40 x 40 x 120

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 15
Reverse polarity protection		yes

Outputs

Output function		normally open / closed; (selectable)
Max. voltage drop switching output DC	[V]	1.6
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

Monitoring range

Sensing range	[mm]	20
Real sensing range Sr	[mm]	20 ± 10 %

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Inductive sensor

IME3020-FPKG/LS400LPS

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2	
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		non-flush mountable
Dimensions	[mm]	40 x 40 x 120
Material		PPE

Displays / operating elements

Display	Switching status	1 x LED, red
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Remarks

Remarks	remove jumper for normally closed
Pack quantity	1 pcs.

Electrical connection - plug

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



Connection

