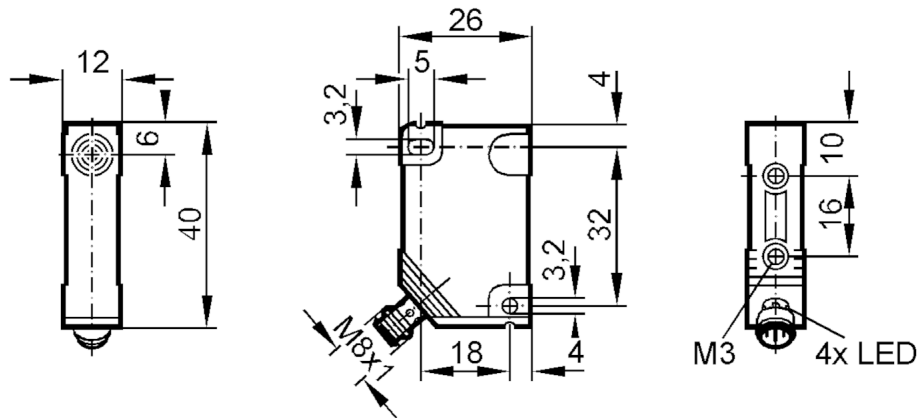


IN5364



Inductive sensor

IN-3002-APKG/AS-514-TPO



Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15; (24 V)
Protection class		III
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		normally closed
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	1400
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Sensing range	[mm]	2
Real sensing range Sr	[mm]	2 ± 10 %
Operating distance	[mm]	0...1.6

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Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3	
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	
MTTF [years]		1906

Mechanical data

Weight [g]	19.8	
Housing	rectangular	
Mounting	flush mountable	
Dimensions [mm]	40 x 12 x 26	
Materials	PBT	

Displays / operating elements

Display	switching status	4 x 90° LED, yellow
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Remarks

Pack quantity	1 pcs.	
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Electrical connection - plug

Connector: 1 x M8



Connection

