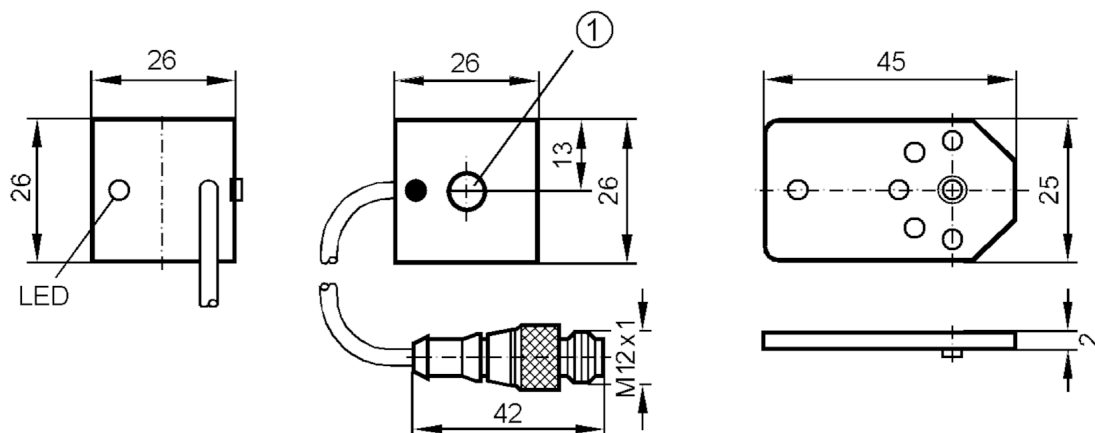




Inductive sensor

IOW2010-ARKG/UP/T/40CM PVC US

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1 fixing holes M4 reinforced



Product characteristics

Electrical design	PNP/NPN
Output function	normally open
Sensing range [mm]	10
Housing	rectangular
Dimensions [mm]	26 x 26 x 26

Electrical data

Operating voltage [V]	10...36 DC
Reverse polarity protection	yes

Outputs

Electrical design	PNP/NPN
Output function	normally open
Max. voltage drop switching output DC [V]	4.5
Minimum load current [mA]	2
Max. leakage current [mA]	0.6
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	50
Short-circuit protection	yes
Type of short-circuit protection	pulsed

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Overload protection	yes
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Detection zone

Sensing range	[mm]	10
Real sensing range Sr	[mm]	10 ± 10 %
Operating distance	[mm]	0...8.1

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis	[% of Sr]	1...15
Switch point drift	[% of Sr]	-10...10

Operating conditions

Ambient temperature	[°C]	0...70
Protection		IP 65

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing		rectangular
Mounting		flush mountable
Dimensions	[mm]	26 x 26 x 26
Materials		PTFE

Displays / operating elements

Display	switching status	1 x LED, red
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Cable: 0.15 m, PVC

Connector: 1 x M12; coding: A



IO9920



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Connection

