

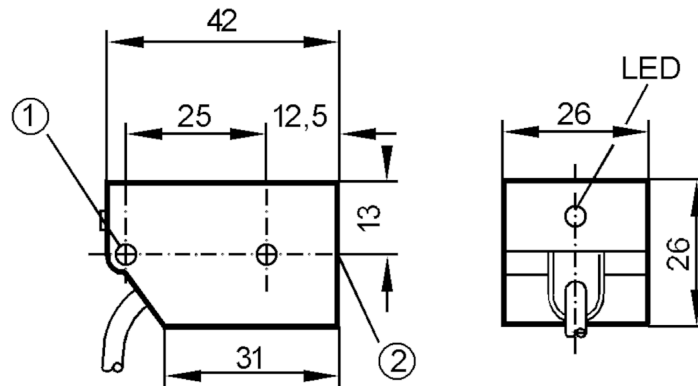
IO9206



Inductive sensor

IOC2010-ARKG/0,15M/FRONT/POLAR

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- 1 mounting holes M4 reinforced
2 Sensing face



Electrical data

Operating voltage	[V]	10...55 DC
Protection class		II
Reverse polarity protection		yes

Outputs

Electrical design		PNP/NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	2.8
Minimum load current	[mA]	2
Max. leakage current	[mA]	0.6
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	250
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Sensing range	[mm]	10
Real sensing range S_r	[mm]	$10 \pm 10 \%$
Operating distance	[mm]	0...8.1

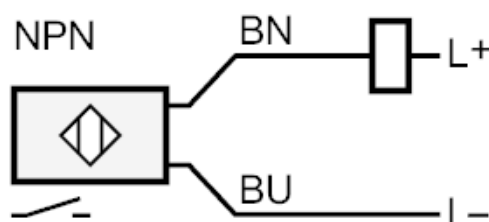
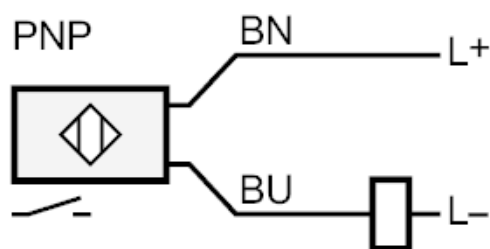
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Accuracy / deviations		
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2	
Hysteresis [% of Sr]	1...15	
Switch point drift [% of Sr]	-10...10	
Operating conditions		
Ambient temperature [°C]	-25...80	
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	rectangular	
Mounting	flush mountable	
Dimensions [mm]	26 x 26 x 42	
Materials	PBT	
Displays / operating elements		
Display	switching status	1 x LED, red
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 0.15 m, silicone; 2 x 1 mm ²		
Connection		



Core colours :
BN = brown
BU = blue

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