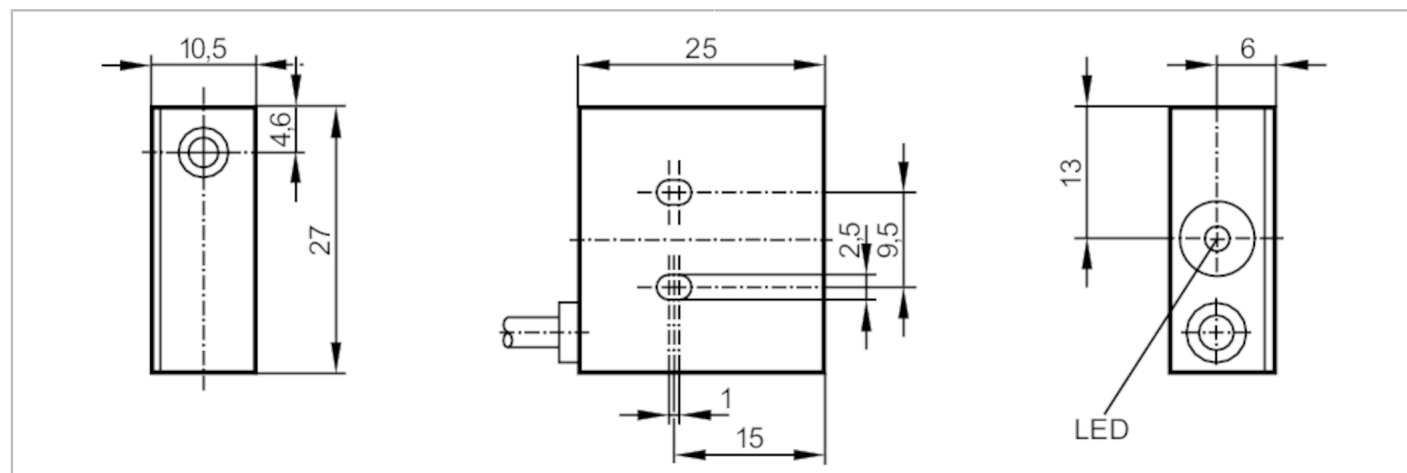




Inductive sensor

IJ-3002-APKG/0,15M

Article no longer available - archive entry



Product characteristics

Electrical design		PNP
Output function		normally closed
Sensing range	[mm]	2
Housing		rectangular
Dimensions	[mm]	27 x 10.5 x 25

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	10; (24 V)
Protection class		II
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]	200
Switching frequency DC	[Hz]	2000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Sensing range	[mm]	2
Real sensing range S_r	[mm]	$2 \pm 10 \%$
Operating distance	[mm]	0...1.6

Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
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**Inductive sensor**

IJ-3002-APKG/0,15M

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	
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Mechanical data

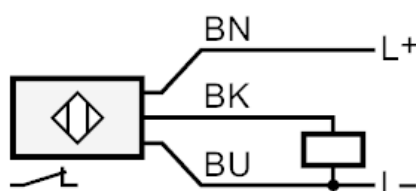
Weight	[g]	21.2
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	27 x 10.5 x 25
Materials		PA 6.6; PC; TPE-E

Displays / operating elements

Display	switching status	1 x LED, yellow
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Remarks

Pack quantity	1 pcs.
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Electrical connectionCable: 0.15 m, PVC; 3 x 0.14 mm²**Connection**

Core colours :
 BK = black
 BN = brown
 BU = blue