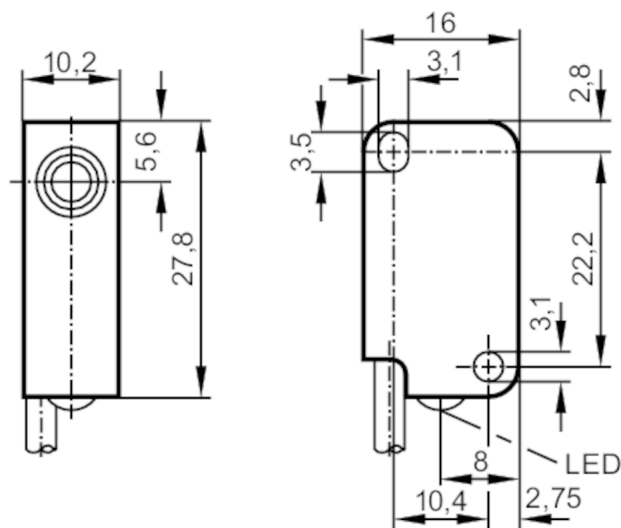


IS5070

Inductive sensor

IS-3004-BPKG



Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	15
Protection class		III
Reverse polarity protection		yes

Outputs

Electrical design		PNP
Output function		normally open
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
Overload protection		yes

Detection zone

Sensing range	[mm]	4
Real sensing range S_r	[mm]	$4 \pm 10 \%$
Operating distance	[mm]	0...3.24

Accuracy / deviations

Hysteresis	[% of S_r]	1...15
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Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 67

IS5070



Inductive sensor

IS-3004-BPKG

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	2122

Mechanical data

Weight	[g]	44.6
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	28 x 10 x 16
Materials		PBT
Tightening torque	[Nm]	< 0.5; (with washer)

Displays / operating elements

Display	switching status	1 x LED, yellow
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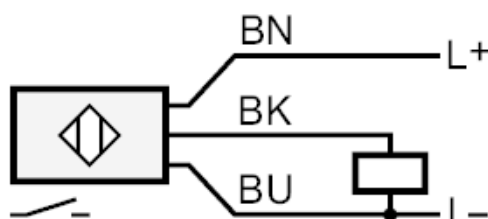
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.14 mm²

Connection



Core colours :

BN =	brown
BU =	blue
BK =	black