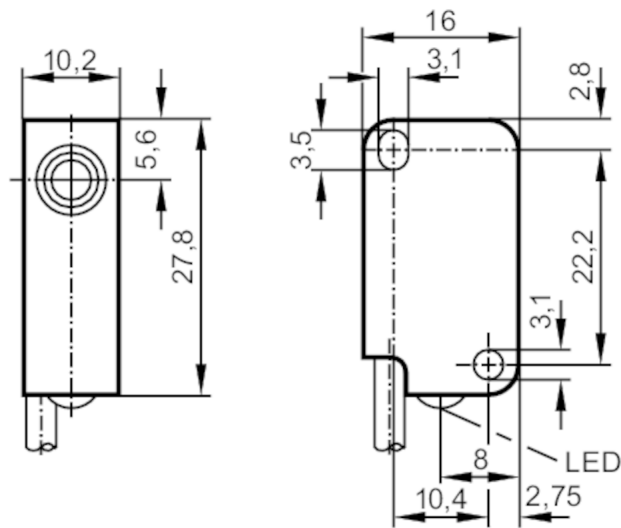


IS5087



Inductive sensor

IS-3004-BPKG/0,15M



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	4
Housing	rectangular
Dimensions [mm]	28 x 10 x 16

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 Sr [mm]	4 ± 10 %
Operating distance [mm]	0...3.24

IS5087



Inductive sensor

IS-3004-BPKG/0,15M

Accuracy / deviations

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

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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	2965

Mechanical data

Weight	[g]	14.8
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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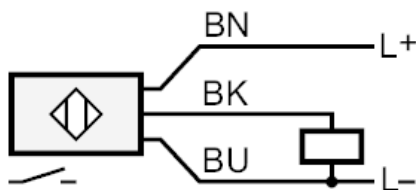
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 0.15 m, PVC; 3 x 0.14 mm²

Connection



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