



Inductive sensor

IW-3008-BPKG/Sonderkabel

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Alternative articles: IW5060

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	8
Housing	rectangular
Dimensions [mm]	60 x 36 x 10

Application

System	Halogen-free
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Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Protection class	II
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]	250
Switching frequency DC [Hz]	300



Inductive sensor

IW-3008-BPKG/Sonderkabel

Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Sensing range	[mm]	8
Real sensing range Sr	[mm]	$8 \pm 10 \%$
Operating distance	[mm]	0...6.5

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 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	
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Mechanical data

Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	60 x 36 x 10
Material		PBT

Displays / operating elements

Display	Switching status	1 x LED, yellow
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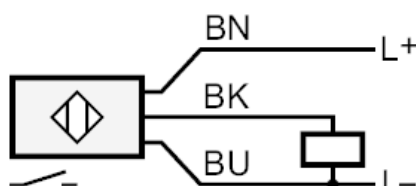
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PUR, Halogen-free; 3 x 0.14 mm²

Connection



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