

IE5280



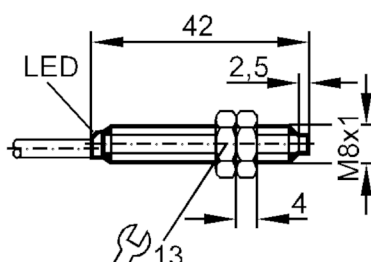
Inductive sensor

IEB3002-BPKG/V4A/10M

Article no longer available - archive entry

Alternative articles: IE5295

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]	2
Housing	Threaded type
Dimensions [mm]	M8 x 1

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	10; (24 V)
Protection class	II
Reverse polarity protection	no

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	2000
Short-circuit protection	no
Overload protection	no

Monitoring range

Sensing range [mm]	2
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IE5280



Inductive sensor

IEB3002-BPKG/V4A/10M

Real sensing range Sr	[mm]	2 ± 10 %
Operating distance	[mm]	0...1.62

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.4 / copper: 0.3	
Hysteresis	[% of Sr]	3...15
Switch-point drift	[% of Sr]	-10...10

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 65

Mechanical data

Housing		Threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M8 x 1
Thread designation		M8 x 1
Material		stainless steel (1.4571/316Ti); POM

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

Items supplied	lock nuts: 2
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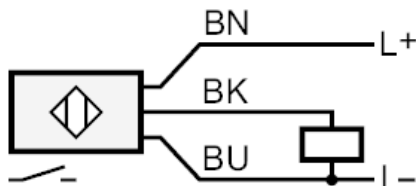
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 10 m, PUR; 3 x 0.14 mm²

Connection



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