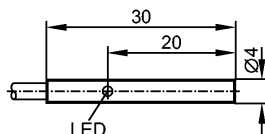


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Made in Germany



Product characteristics

Inductive sensor
Metal housing Ø 4 mm
Cable
Sensing range 0.8 mm; [f] flush mountable

Electrical data

Electrical design	DC PNP/NPN
Operating voltage [V]	10...36 DC
Reverse polarity protection	no

Outputs

Output function	normally closed
Voltage drop [V]	< 2.5
Leakage current [mA]	< 1
Current rating [mA]	200
Short-circuit protection	no
Overload protection	no
Switching frequency [Hz]	2000

Range

Sensing range [mm]	0.8
Real sensing range (Sr) [mm]	0.8 ± 10 %
Operating distance [mm]	0...0.65

Accuracy / deviations

Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.3 / Cu approx. 0.2
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-10...10

Environment

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

Tests / approvals

EMC	EN 60947-5-2 EN 55011: class B
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Mechanical data

Mounting	flush mountable
Housing materials	stainless steel (303S22); POM (polyoxymethylene)
Weight [kg]	0.047

Displays / operating elements

Output status indication LED	yellow
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Electrical connection

IZ5029

IZB20.8-BROG/V2A

Inductive sensors

Connection PVC cable / 2 m; 3 x 0.14 mm²

Wiring

Core colours

BN brown

BU blue



Accessories

Accessories (included) Mounting clamp

Remarks

Pack quantity [piece] 1

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