

Basic



95B066860

IS-08-B1-S1

**NON-CONTACT DETECTION COST EFFECTIVE AND
RELIABLE DETECTION OF ANY METAL PART**

OVERVIEW

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	1,5mm
Operanting distance	0...1,21mm
Standard target	8x8mm FE360
Correction Factor	copper: 0,2...0,5 / aluminium: 0,3...0,5 / brass: 0,4...0,6 / staineless steel: 0,7...0,9
Repeat Accuracy	< 3% (UB 24V Ta=23°C ±5°C)
Hysteresis	< 10%

Application

Description	M8 short case flush mount
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Functions	Proximity
Outputs	
Output type	PNP
Output Function	NO
Switching frequency	1kHz
Response time	0,5
Electrical data	
Operating Voltage	10...30Vdc
No-Load supply current	≤ 10mA
Load current	200mA
Output voltage drop	≤ 1,2V @100mA
Max ripple content	≤ 10%
LED indicators	Yellow LED output state
Time delay before availability	≤ 50ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	≥100kHz
Protection against inductive loads	Yes

Mechanical data

Dimensions	Ø8X50
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Mounting	Shielded
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Material	Nickel-plated brass
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Housing material	Nickel-plated brass
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Connections	M8 Plug
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Active Head Material	LCP
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Tightening torque	2Nm
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Diameter/Dimension	M8
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Test/Approvals

Approvals	CE cULus
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Accessories

Supplied Accessories	2 nuts M8x1
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Generical Data

Dimensions	Ø8 / L = 50mm
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Operating Temperature	-25°C...+70°C
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Mechanical Protection	IP67
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