

Basic



95B066400

IS-08-M2-03

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

OVERVIEW

- Standard proximity M4, M5, M8, M12, M18, M30
- Double range (i.e. M12 4mm, M18 14mm, M30 20mm)
- Unshielded or shielded models for flush mounting
- Nickel brass or stainless steel short and long housing
- Ecolab and Diversey certifications for industrial detergents
- Multi-voltage, Metal face, Weld field immune models
- NO/NC, NPN or PNP output and programmable versions.

TECHNICAL FEATURES

Detection properties

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

Description	M8 short case flush mount
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Functions	Proximity
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Outputs

Output type	PNP
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Output Function	NC
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Switching frequency	1kHz
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Response time	0,5
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Electrical data

Operating Voltage	10...30Vdc
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No-Load supply current	≤ 10mA
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Load current	200mA
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Output voltage drop	≤ 1,2V @100mA
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Max ripple content	≤ 10%
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LED indicators	Yellow LED output state
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Time delay before availability	≤ 50ms
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Short-circuit protection	Yes
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Reverse Polarity Protection	Yes
Emission	≥100kHz
Protection against inductive loads	Yes

Mechanical data

Dimensions	Ø8x40
Mounting	Shielded
Material	Stainless steel
Housing material	Stainless steel
Connections	2m PVC Cable
Active Head Material	LCP
Tightening torque	2Nm
Diameter/Dimension	M8

Test/Approvals

Approvals	CE cULus
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Accessories

Supplied Accessories	2 nuts M8x1
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Generical Data

Dimensions	Ø8 / L = 40mm
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Operating Temperature	-25°C...+60°C
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Mechanical Protection	IP69K
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