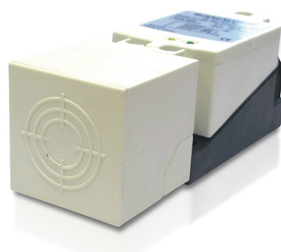


Square



95B065330

IS-40-C11-S3
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	20mm
Operanting distance	0...16,2mm
Standard target	60x60mm FE360
Correction Factor	copper: 0,4 / aluminium: 0,45 / brass: 0,5 / staineless steel: 0,85

Repeat Accuracy	0,02mm
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Hysteresis	< 10%
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Application

Description	Large block style no-flush mount
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Functions	Proximity
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Outputs

Output type	Analogue
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Output Function	Analogue
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Switching frequency	100Hz
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Response time	5
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Current Analogue Output	1 x 4...20mA
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Electrical data

Operating Voltage	10...30Vdc
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Load current	0...20mA / 200Ωmax
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Max ripple content	≤ 10%
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Short-circuit protection	Yes
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Reverse Polarity Protection	Yes
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Emission	≥100kHz
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Protection against inductive loads	Yes
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Mechanical data

Dimensions	40x41x118
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Mounting	Unshielded
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Material	Plastic - PBT
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Housing material	Plastic - PBT
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Connections	Terminal block
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Active Head Material	PBT
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Diameter/Dimension	40x41x118
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Test/Approvals

Approvals	CE
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Generical Data

Dimensions	40x41x118mm
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Operating Temperature	-25°C...+70°C
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Mechanical Protection	IP67
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**date of
printing**
10/08/2026
03:01:01