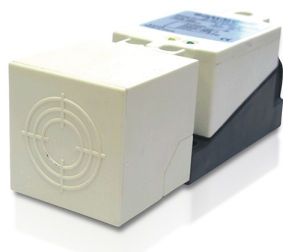


Square



95B065290

IS-40-Y7-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	30mm
Operanting distance	0...24,3mm
Standard target	90x90mm FE360
Correction Factor	copper: 0,4 / aluminium: 0,45 / brass: 0,5 / staineless steel: 0,85

Repeat Accuracy	< 1% (UB 24V Ta=23°C ±5°C)
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Hysteresis	< 15%
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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	NPN/PNP
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Output Function	NO
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Switching frequency	25Hz AC / 40Hz DC
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Response time	20
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Electrical data

Operating Voltage	20...250Vac/50...60Hz
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No-Load supply current	≤ 2,5mA
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Load current	200mA
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Output voltage drop	< 10Vac ; < 8Vdc
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Max ripple content	≤ 10%
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LED indicators	Yellow LED output state
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Short-circuit protection	Yes
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Reverse Polarity Protection	Yes
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Emission	≥100kHz
Protection against inductive loads	Yes

Mechanical data

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

Test/Approvals

Approvals	CE
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Generical Data

Dimensions	40x41x118mm
Operating Temperature	-25°C...+70°C
Mechanical Protection	IP67

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

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