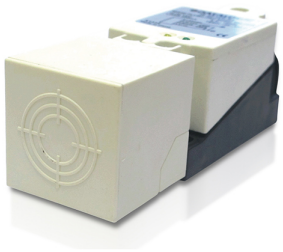
Square



95B065320

IS-40-X5-S2

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	15mm
Operanting distance	0…12,1mm
Standard target	45x45mm FE360
Correction Factor	copper: 0,4 / aluminium: 0,45 / brass: 0,5 / stainelss steel: 0,85

Repeat Accuracy	< 1% (UB 24V Ta=23°C ±5°C)
Hysteresis	< 15%

Application

Description	Large block style no-flush mount
Functions	Proximity

Outputs

Output type	PNP
Output Function	NO+NC
Switching frequency	100Hz
Response time	5

Electrical data

Operating Voltage	10...30Vdc
No-Load supply current	≤ 10mA
Load current	200mA
Output voltage drop	≤ 1,5V @100mA
Max ripple content	≤ 10%
LED indicators	Yellow LED output state
Short-circuit protection	Yes
Reverse Polarity Protection	Yes

Emission	≥100kHz
Protection against inductive loads	Yes

Mechanical data

Mounting	Shielded
Dimensions	40x40x56
Housing Material	Plastic - PBT
Connections	M12 Plug
Active Head Material	PBT
Material	Plastic - PBT
Diameter/Dimension	40x40x56

Test/Approvals

Approvals	CE

Generical Data

Dimensions	40x40x56mm
Operating Temperature	-25°C…+70°C
Mechanical Protection	IP67

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