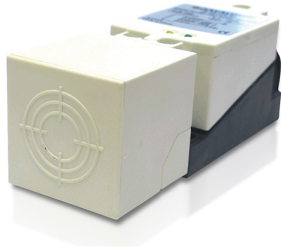


Square



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 / staineless 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

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

Test/Approvals

Approvals	CE
-----------	----

Generical Data

Dimensions	40x40x56mm
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

19/06/2026
10:16:19