

COMUS Group

Compact Ferrous Metal Sensor - Non powered
Part Number : SRA-SP-002
Product Data Sheet

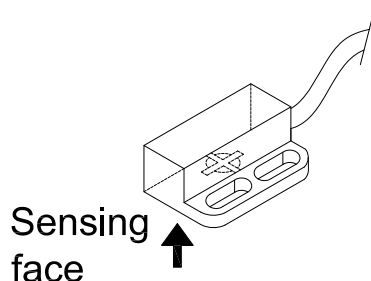
COMUS
EUROPE

PICTURE

✓ RoHS Compliant

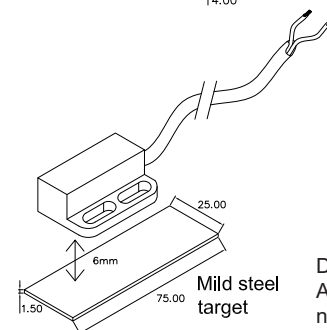


SENSING FACE



Approximate sensing ranges
75x25x1.5mm Ground flat steel
12x20x30mm Cast iron bar
0.5x20x70mm Tool steel
10x25x50mm Chrome vanadium
D6x50mm N35 Neodymium magnet

6-9mm
9-10mm
7-10mm
9-10mm
30-35mm



Drawings not to scale
All dimensions in mm
nominal

SPECIFICATION

Contact Form / Style	Normally Open, closes in presence of ferrous metal
Activation distance	mm 6 (may vary depending on iron content)
Switching Voltage	Max Volts AC/DC 140 / 200
Switching Current	Max Amps 0.5
Switching Power	Max Watts 10
Carry Current	Max Amps 2.75
Breakdown Voltage	Min Volts DC 225
Contact Resistance	Max mOhms 100
Operating Frequency	Max Hz 100
Operating Temperature	Celsius - 40° to 85°
Case Material	ABS Plastic
Cable	2 x 0.14mm ² Grey PVC insulated, Brown/ White

Applications Include

- Gate closed detection.
- Robotics sensing.
- Automated production lines.
- Safety guards.

Options

- Top, side or base sensing directions.
- 105° G/F Nylon version available.
- Custom cable types, cable lengths, connectors or crimp terminals available.
- If you do not see what you need, just ask, as there is a strong possibility we can do it !

Did you know we also sell?



Rev. No.

Revision Note

Date

Signature

1

Datasheet

01-10-14

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As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

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