

FEATURES

- **Magnetic actuator:** Ensures reliable operation without physical contact, reducing mechanical wear.
- **Rectangular body style:** Allows for easy installation in various configurations.
- **Pre-wired connection:** Simplifies installation and reduces setup time.
- **IP67 and IP69K rated:** Offers excellent protection against dust and water ingress, suitable for harsh environments.
- **ABS and resin-filled housing:** Provides durability and resistance to impact and chemicals.
- **Safety category CAT 4:** Ensures high-level safety performance for critical applications.
- **1 NO safety contact:** Provides a reliable safety output for monitoring.
- **Switching distance of 10 to 28 mm:** Allows for flexible installation and operation.

RS PRO Magnetic Non-Contact Safety Switch, Rectangular Housing

RS Stock No: 656-591



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This RS PRO non-contact safety switch is designed to ensure the safety of machinery and personnel by preventing access to hazardous areas. Utilising a magnetic actuator, it offers reliable operation without physical contact, reducing wear and tear. Ideal for environments where hygiene and durability are critical, it provides robust protection with minimal maintenance.

General Specifications

Actuator Included	Yes
Actuator Type	Magnetic
Body Style	Rectangular
Built-in Safety Relay	No
Connection Type	Pre-Wired
Housing Colour	Red
Number of Auxiliary Contacts	1
Product Type	Non-Contact Safety Switch
Sensor Principle	Magnetic
Terminal Type	Wire

Mechanical Specifications

Depth	19 mm
Housing Material	ABS, Resin Filled
Length	82.5 mm
Width	17 mm

Protection Category

IP Rating	IP67, IP69K
Safety Category	CAT 4

Electrical Specifications

Safety Contacts	1 NO
Switching AC Voltage	230 V
Switching Current	300 mA
Switching DC Voltage	24 V
Switching Distance	10-28 mm

Approvals

Standards/Approvals

CE, cULus, EMC Directive 2014-30-EU, EN 12100, EN 60204, EN 60947-5-1, EN 60947-5-3, EN ISO 13849, EN ISO 14119, EN ISO 62061, Low Voltage Directive 2014-35-EU, Machinery Directive 2006-42-EC, RoHS, TUV, UKCA