

FEATURES

- Robust sealed switch - hermetically sealed reed switch for long life
- Earthed housing for added safety
- Aluminium housed proximity switch
- 250V ac/dc 3A heavy duty proximity switch
- Rectangle switch
- Blue powder coated aluminium housing - high corrosion resistance
- 3 core 0.75 mm² black PVC insulated cable
- 720 mm cable length

RS PRO Proximity Switch Rectangular 250V, NO, 3 A

RS Stock No.: 339-746



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.

Magnetic Proximity Switches

Product Description

RS PRO heavy duty aluminium housed proximity switch is a robust sealed switch with normally open contacts which is suitable for harsh environments. Reed switches are a type of industrial switch and are used to interrupt or redirect the flow of electricity within a circuit. Reed switches are composed of two ferrous reeds in a small glass casing. The switches are magnetised and move when the magnetic field is moved towards the switch. A reed switch can turn on or off when a magnetic field is nearby.

General Specifications

Switch Type	Magnetic Proximity
Switch Shape	Rectangular
Normal State Configuration	NO
Pole and Throw Configuration	Single-pole, Double-throw
Output Type	Open/Closed
Style	Normally open
Material	Blue powder coated Aluminium (case)
Applications	Position sensing, Linear actuators, Security switching, Safety guards/devices

Electrical Specifications

	Make	Break
Switching Distance	13mm (with recommended magnet)	23mm (with recommended magnet)
Terminal Type	Wire Lead	
Cable	3 core 0.75mm ² Black PVC insulated, Br / Bl / G&Y	

Magnetic Proximity Switches

Contact Data	Conditions at 20°C	Min.	Typ.	Max.
Maximum Current				3A
Maximum AC Voltage	AC			250V
Maximum DC Voltage	DC			250V
Contact Resistance	Max mOhms			100mOhm

Mechanical Specifications

Dimensions	79.4mm x 9.8mm x 25.4mm
Length	79.4mm
Depth	25.4mm
Width	9.8mm
Cable Length	720mm
Total Length	79.4mm

Operation Environment Specifications

Maximum Operating Temperature	-20°C
Minimum Operating Temperature	85°C

Approvals

Compliance/Certifications	RoHS
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Magnetic Proximity Switches



DIMENSIONS

