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### FF5-21-DC-03



Actual product appearance may vary.

**FF Series, Safety Switch and Actuator, red ABS, 2NC/1NO, dc, 3 m pre-wired**

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#### Features

Non-contact safety switches  
 Switches can be magnetically actuated from almost any angle  
 Compact, rugged design  
 Tested to over 1,000,000 operations, full load  
 6 mm [0.24 in] operating distance  
 Up to 300 mA at 24 Vdc switching capability  
 IP67 sealing  
 Stainless steel option  
 UL and CE approvals

#### Potential Applications

Can forming and filling (aluminum, steel, and plastic)  
 Pick and place packaging equipment  
 Pick and place/assembly equipment  
 Semicon equipment  
 Plastic molding equipment  
 Woodworking machinery  
 Textile machinery  
 Printing machinery

#### Description

Honeywell FF5 switches are magnetically operated, non-contact safety switches designed for use in many machineguarding applications. The FF5 is available in both ABS and 316 grade stainless steel and is capable of switching up to 300 mA at 24 Vdc. The switch and actuator are fully sealed and can often be used in wet or dusty environments. With correct installation, the FF5 safety switches comply with the guidelines given in EN1088.

#### Supporting Documentation

- [▶ Mounting Dimensions](#)
- [▶ Installation Instructions and Approvals Documentation](#)
- [▶ Contact Configurations](#)
- [▶ Connections](#)

Product Specifications	
Product Type	Safety Limit Switch
Actuator	Non - contact switch
Lever Style	None
Switch Type	Max: 2NC safety and 1NO auxiliary
Cable Length	3 m prewired
Voltage	24 Vdc/0.3 A inductive/resistive
Housing Material	Red ABS resin filled
Housing Type	Rectangular switch and actuator
Series Name	FF
Shock	10 g
Vibration	50 Hz to 100 Hz
Sealing	IP67
Approvals	UL, CE
Operating Temperature Range	- 10 °C to 55 °C [14 °F to 131 °F]
Availability	Global
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays

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