5V Metal Proximity Switch



SKU:FIT0658

INTRODUCTION

The proximity switch usually possesses the characteristics of travel switch, micro switch and sensor. This is a small 5V metal proximity switch with 27*10*6mm size, which can be easily mounted in tight space. It features NPN (normally open) output, 4mm detection distance, 1000Hz switching frequency. The response time is less than 1ms, quick and stable. These sensors are IP67 rated, which can withstand a temperature range of -20℃~65℃. So, this sensor can be used indoor and outdoor regardless of the weather.



This proximity switch should be operated at 5V. It can be used not only in machinery automation, security equipment, car anti-theft and other operations, but also in the hands of makers with various controller boards for robot runway conversion, speed detection, etc.

SPECIFICATION

Voltage: 5V

Current: 30mA

Detection Distance: 4mm

Output: NPN (normally open)

Detection Target: metal

Wire Length: about 2m

Sensing Type: inductive

Protection: IP67

Operating Temperature: -20℃~65℃

Switching Frequency: 1000Hz

Response Time: ＜1ms

Dimension: 27*10*6mm/1.06*0.39*0.24”

SHIPPING LIST

5V Metal Proximity Switch x1

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