

## **FEATURES**

- Fully visible in sunlight
- Various voltages
- Recessed or prominent bezel style
- Longevity and low power consumption
- Rated at IP67

# RS PRO Red Indicator, 230 V ac, 8mm Mounting Hole Size, Tab Termination

**RS Stock No.: 212-547** 



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** 

Brought to you by RS Pro, these indicators provide an excellent solution for warning and attention signals within relevant applications. With three colours available, red, yellow and green. A type of traffic light system can be applied to circuit boards or electrical designs in regards to operation or safety. Each LED indicator is rated at IP67, this means it will have great protection and be fully operational within indoor and outdoor applications. All models are highly reliable and excellent quality.

### **General Specifications**

Light Output Colour	Red
Lamp Type	LED
Termination Type	Tab
Туре	Panel Mount
Bezel Style	Prominent
Bezel Colour	Black Chrome
Intensity	6000mcd
Type Of Illumination	Fixed Light
LED Colour	Red
Viewing Angle	30-100°
Life Expectancy	100000hours
Applications	Fixed to PCB circuit boards mounted; Switches; Pushbuttons; Used as vehicle indicators

### **Electrical Specifications**

Voltage Rating	12V
Current Rating	17 mA
Voltage Tolerance	10%

## Indicators



**Mechanical Specifications** 

Mounting Hole Size	8mm
Length	41mm
Torque	20cNm to 25cNm
Lamp Size	5mm

Operation Environment Specifications	
Temperature Rating	-40°C to 85°C

Protection Category	
IP Rating	IP67

Approvals	
Compliance/Certifications	EN61340





#### TECHNICAL SPECIFICATIONS

Voltage	Operating Voltage	<b>Operating Current</b>
	(Min to Max)	(Typical All Types)
02 (No Resistor)	1.8 to 3.3VDC	20mA max*
6VDC	5.4 to 6.6VDC	20mA
12VDC	10.8 to 13.2VDC	20mA
24VDC	21.6 to 26.4VDC	20mA
28VDC	25.2 to 30.8VDC	20mA
110VAC	99 to 121VAC	6mA
220VAC	207 to 253VAC	3mA

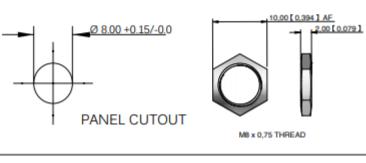
### Max Reverse Voltage: 5V

Viewing Angle: 30–100° (dependant on model)

Life Expectancy: 100,000 hours

Temperature Range: -40 to +85°C (operating & storage)

Torque: 20 to 25cNm



Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	80mcd	8mcd	2.0V
Green	60mcd	6mcd	2.2V
Yellow	50mcd	6mcd	2.1V
Blue	1600mcd	50mcd	3.3V
White	1600mcd	500mcd	3.3V
Orange	60mcd	110mcd	2.2V
Bi-color (Typical) (Red/Green)	14/30mcd	15/10mcd	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yellow)	60/15/13mcd	15/10/6mcd	2.0V/2.2V/2.1V
Bi-color - The colo	or is changed by reversing the po	plarity of the supply volt	age.
Tri-color - The indicator	has red and green LEDs, when b	oth connected yellow	is produced.
Super Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	5,000mcd	1,300mcd	2.2V
Green	10,000mcd	1,200mcd	3.3V
Yellow	4,000mcd	350mcd	2.0V
Blue	2,200mcd	280mcd	3.3V
White	2,500mcd	950mcd	3.3V
Orange	4,000mcd	500mcd	2.2V
Hyper Bright LED	Prominent and Recessed	Flush	Forward Voltage

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HE Red	6,000mcd	980mcd	2.2V
Green	1,900mcd	300mcd	3.3V
Yellow	1,600mcd	250mcd	2.0V
Orange	2,400mcd	110mcd	2.2V

Luminous intensity will be reduced with lower operating current.

# Indicators



#### RECESSED BEZEL

