

## **FEATURES**

- 5 mm coloured diffused epoxy lens
- LED Colours available include: Red, Green and Yellow
- Lead length: 500 mm
- Snap-in fixing
- Various voltage ratings

# RS PRO Red Indicator, 24 V dc, 8mm Mounting Hole Size, Lead Wires Termination

RS Stock No.: 206-845



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, a range of high quality LED indicators. These indicators have diffused epoxy lenses and are a black plastic bezel. Two of the key features are a 500 mm flying lead termination and a convenient snap-in fixing, for a quick and straight forward installation. LED indicators will emit a high level of brightness, this is boosted by the fact they are long lasting by their low energy consumption qualities. All models are highly reliable and excellent quality.

## **General Specifications**

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

#### **Electrical Specifications**

Voltage Rating	24V dc
Current Rating	20mA
Voltage Tolerance	10%



## **Mechanical Specifications**

Mounting Hole Size 8mm	
Length	14.5mm
Torque	20cNm to 25cNm
Lamp Size	5mm

# **Operation Environment Specifications**

Temperature Rating	-40°C to 85°C	
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## **Approvals**

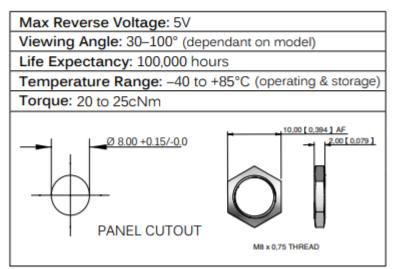
Compliance/Certifications	EN61340
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# **Indicators**



TECHNICAL SPECIFICATIONS			
Voltage	Operating Voltage	Operating Current	
	(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	



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 co	lor is changed by reversing the p	olarity of the supply volt	tage.
Tri-color - The indicator	has red and green LEDs, when b	ooth connected yellow i	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
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
Luminou	s intensity will be reduced with lo	wer operating current.	



#### PROMINENT BEZEL

