

## FEATURES

- 5 mm coloured diffused epoxy lens
- Various voltages
- Tri-colour options
- Longevity and low power consumption
- Bright chrome bezel

## RS PRO Green, Red, Yellow Indicator, 24 V dc, 8mm Mounting Hole Size, Solder Tab Termination

RS Stock No.: 207-775



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

<b>Light Output Colour</b>	Green, Red, Yellow
<b>Lamp Type</b>	LED
<b>Termination Type</b>	Solder Tab
<b>Type</b>	Panel Mount
<b>Bezel Style</b>	Prominent
<b>Bezel Colour</b>	Black Chrome
<b>Intensity</b>	10 (Green) mcd, 10 (Yellow) mcd, 20 (Red) mcd
<b>Type Of Illumination</b>	Fixed Light
<b>LED Colour</b>	Green, Red, Yellow
<b>Viewing Angle</b>	30-100°
<b>Life Expectancy</b>	100000hours
<b>Applications</b>	Fixed to PCB circuit boards mounted; Switches; Pushbuttons; Used as vehicle indicators

### Electrical Specifications

<b>Voltage Rating</b>	24V dc
<b>Current Rating</b>	20mA
<b>Voltage Tolerance</b>	10%

## Mechanical Specifications

Mounting Hole Size	8mm
Length	37mm
Torque	20cNm to 25cNm
Lamp Size	5mm

## Operation Environment Specifications

Temperature Rating	-40°C to 85°C
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## Protection Category

IP Rating	IP67
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## Approvals

Compliance/Certifications	EN61340
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TECHNICAL SPECIFICATIONS		
Voltage	Operating Voltage (Min to Max)	Operating Current (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

The drawing shows a circular panel cutout with a diameter of  $\varnothing 8.00^{+0.15/-0.0}$ . The indicator body is shown with a hexagonal base and a threaded section. The total height of the indicator is  $10.00 [0.394] \text{ AF}$ , and the height of the threaded section is  $2.00 [0.079]$ . The thread is specified as **M8 x 0,75 THREAD**.

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 color is changed by reversing the polarity of the supply voltage.

Tri-color - The indicator has red and green LEDs, when both 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
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.

## PROMINENT BEZEL

