

#### **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**

Light Output Colour	Green, Red, Yellow
Lamp Type	LED
Termination Type	Solder Tab
Туре	Panel Mount
Bezel Style	Prominent
Bezel Colour	Black Chrome
Intensity	10 (Green) mcd, 10 (Yellow) mcd, 20 (Red) mcd
Type Of Illumination	Fixed Light
LED Colour	Green, Red, Yellow
Viewing Angle	30-100°
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	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

# Approvals

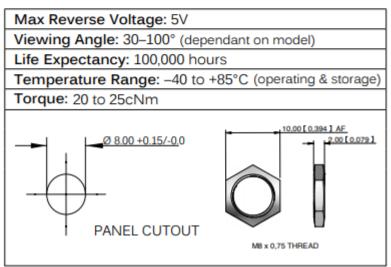
Compliance/Certifications	EN61340
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TECHNICAL SPECI	FICATIONS	
Voltage	Operating Voltage	Operating Current
	(Min to Max)	(Typical All Types)
02 (No Resistor)	1.8 to 3.3VDC	20mA max*
6VDC	5.4 to 6.6VDC	20mA
12VDC	10.8 to 13.2VDC	20mA
24VDC	21.6 to 26.4VDC	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 po	plarity of the supply volt	age.
Tri-color - The indicator	has red and green LEDs, when b	oth connected yellow i	s 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
	2.500mcd	950mcd	3.3V
White	2,30011100	930ITICU	3.37
White Orange	4,000mcd	500mcd	2.2V
Orange			2.2V
Orange  Hyper Bright LED	4,000mcd	500mcd	
	4,000mcd  Prominent and Recessed	500mcd Flush	2.2V Forward Voltage
Orange  Hyper Bright LED  HE Red	4,000mcd  Prominent and Recessed 6,000mcd	500mcd Flush 980mcd	2.2V Forward Voltage 2.2V

# **Indicators**



#### PROMINENT BEZEL

