

FEATURES

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

RS PRO Red Indicator, 12 V dc, 8mm Mounting Hole Size, Solder Tab Termination

RS Stock No.: 210-945



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 LED indicators. Each indicator has a compact and robust high quality build, complete with a solder tab termination. The relative ease of the installation process ensures these LED indicators are perfect for your application. With tri-colour options available, the possibilities are endless. Whether the intended application is a signal, warning or purely a display, there are choices to suit all outcomes. All models are highly reliable and excellent quality.

General Specifications

Light Output Colour	Red
Lamp Type	LED
Termination Type	Solder Tab
Туре	Panel Mount
Bezel Style	Recessed
Bezel Colour	Chrome
Intensity	10000mcd
Type Of Illumination	Fixed Light
LED Colour	Tri-colour
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	12V dc
Current Rating	20mA
Voltage Tolerance	10%



Mechanical Specifications

Mounting Hole Size	8mm
Length	34.8mm
Torque	20cNm to 25cNm
Lamp Size	5mm

Operation Environment Specifications

Temperature Rating	-40°C to 85°C	
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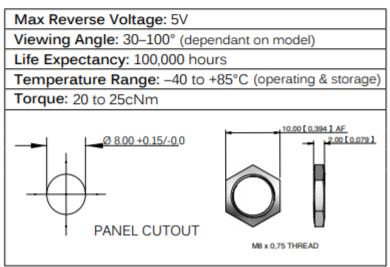
Approvals

Compliance/Certifications	EN61340
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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	or is changed by reversing the po	larity 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
	2.200mcd	280mcd	3.3V
Blue	2,200mca	20011100	0.01
Blue White	2,500mcd 2,500mcd	950mcd	3.3V
White Orange	2,500mcd	950mcd	3.3V
White Orange Hyper Bright LED	2,500mcd 4,000mcd	950mcd 500mcd	3.3V 2.2V
White Orange Hyper Bright LED	2,500mcd 4,000mcd Prominent and Recessed	950mcd 500mcd Flush	3.3V 2.2V Forward Voltage
White Orange Hyper Bright LED HE Red	2,500mcd 4,000mcd Prominent and Recessed 6,000mcd	950mcd 500mcd Flush 980mcd	3.3V 2.2V Forward Voltage 2.2V

Indicators



RECESSED BEZEL

