

FEATURES

- Voltage of 24 V dc
- Red indicator light
- 22mm mounting hole
- LED (light-emitting diode)
- Lamp size of 18 mm
- Lead wire termination
- IP67 so dirt- and water-resistant
- Flush bezel
- Metallic (stainless steel)
- Current rating of 40mA
- Intensity of 465 mcd (millicandela) when prominent and 800 mcd when flush
- Length of 24.5 mm
- Coloured diffused epoxy lens or water clear super bright LEDs

RS PRO Red Indicator, 24 V dc, 22mm Mounting Hole Size, Lead Wires Termination, IP67

RS Stock No.: 123-2424



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

With a bright LED (light-emitting diode) light, this 22 mm RS PRO 24 V dc indicator will provide a clear signal in dark conditions. You'll find this type of device in industrial settings, including the food processing, transportation and marine industries.

The pack consists of an LED bulb with an 18 mm red epoxy lens and a stainless steel bezel that sits flush. The light intensity is 467 mcd (millicandela) (prominent) and 800 (flush). It's 24.5 mm long with lead wire terminations. There's a fixing nut and spring washer for easy installation. Designed for durability, the LED bulb has a long life with minimal energy consumption and can be read in daylight.

General Specifications

Light Output Colour	Red
Lamp Type	LED
Termination Type	Lead Wires (Rear Epoxy Wires)
Type	Panel Mount
Bezel Style	Chamfer
Bezel Colour	Metallic (Stainless Steel)
Intensity	800 mcd (Flush), 465 mcd (Prominent)
Type of Illumination	Fixed Light
LED Colour	Super Bright Red
Viewing Angle	30–100° (dependant on model)
Life Expectancy	100000 hours
Applications	Industrial settings, including the food processing, transportation and marine industries

Electrical Specifications

Voltage Rating	24VDC
Current Rating	40mA

Mechanical Specifications

Mounting Hole Size	22mm
Length	24.5mm
Shape	Round
Lamp Size	18mm

Operation Environment Specifications

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

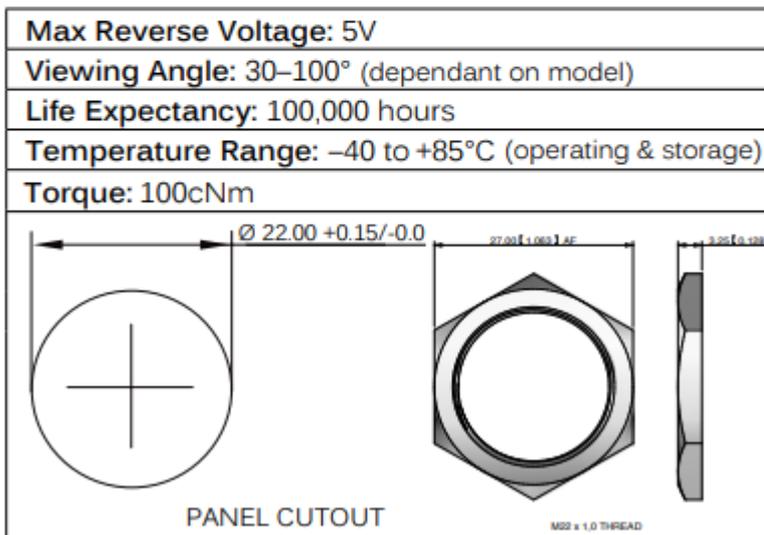
IP Rating	IP67
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Approvals

Compliance/Certifications	RoHS Compliant
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TECHNICAL SPECIFICATIONS		
Voltage	Operating Voltage (Min to Max)	Operating Current (Typical All Types)
05 (No Resistor)	3.3 to 9.9VDC	40mA max*
12VDC	10.8 to 13.2VDC	40mA
24VDC	21.6 to 26.4VDC	40mA
28VDC	25.2 to 30.8VDC	40mA
110VAC	99 to 121VAC	5mA
220VAC	207 to 253VAC	3mA



Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	82mcd	70mcd	5.7V
Green	95mcd	66mcd	6.0V
Yellow	60mcd	59mcd	5.9V
Blue	120mcd	101mcd	9.9V
White	1,000mcd	150mcd	3.3V
Bi-color (Typical) (Red/Green)	80/50mcd	80/50mcd	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yellow)	80/50/50mcd	80/50/50mcd	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 (Diffused)	Prominent and Recessed	Flush	Forward Voltage
HE Red	465mcd	800mcd	5.7V
Green	245mcd	980mcd	9.0V
Yellow	365mcd	1,250mcd	6.0V
Luminous intensity will be reduced with lower operating current.			

Note: The operating voltage must not be exceeded by more than 10% as this will result in reduced life expectancy.
 The company reserves the right to change specifications without notice.
 * Customer to supply resistor for desired operating current.
 Luminous intensity is measured at 20mA on a discrete LED unless otherwise stated.
 Luminous intensities and color shades of white LEDs may vary within a batch.
 LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

Technical Drawings

CHAMFER BEZEL

(316L Stainless Steel and aluminium only)

