

**ENGLISH** 

### **Datasheet**

RS Pro Prominent Indicator Panel Mount, 22mm Mounting Hole Size, Red LED, Solder Tab Termination, 18 mm Lamp Size, 12 V dc

RS Stock No: 206-766



### **Product Details**

RS Pro prominent indicator with 22 mm mounting hole, features red LEDs for panel mount applications. This indicator accommodates a lamp size of 18 mm and offers faston, solder lug termination. It has a voltage rating of 12 V dc. The indicator has a wide operating temperature range of -40 to +85°C, further increasing the potential applications they may be used for. The 18 mm LED requires a 22 mm panel cut-out and is supplied with a fixing nut and spring washer. It offers a wide selection of voltage ratings, bezel finishes and bezel styles.

### **Features and Benefits**

- 22 mm panel mounting LED indicator
- Coloured diffused epoxy lens or water clear super bright LEDs
- · Prominent, recessed, chamfer and flush bezel styles
- Operating temperature range: -40 to +85°C



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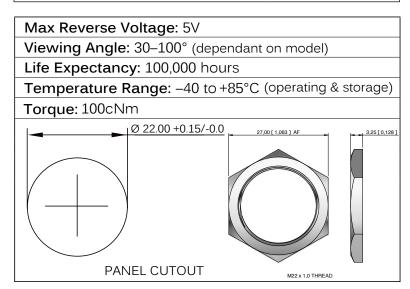
## **Specifications:**

| Bezel Colour         | Black Chrome       |
|----------------------|--------------------|
| Bezel Style          | Prominent          |
| Current Rating       | 40 mA              |
| Intensity            | 82 mcd             |
| Lamp Size            | 18 mm              |
| Lamp Type            | LED                |
| Length               | 41.5 mm            |
| Light Output Colour  | Red                |
| Mounting Hole Size   | 22 mm              |
| Termination Type     | Faston, Solder Lug |
| Type                 | Panel Mount        |
| Voltage Rating       | 12 V dc            |
| Temperature Rating   | -40 to +85°C       |
| Type of Illumination | Fixed Light        |
| LED Colour           | Red                |



| TECHNICAL SPECIFICATIONS       |                   |                          |  |  |  |  |
|--------------------------------|-------------------|--------------------------|--|--|--|--|
| 12011110112 01 2011 10/1110110 |                   |                          |  |  |  |  |
| Voltage                        | Operating Voltage | <b>Operating Current</b> |  |  |  |  |
|                                | (Min to Max)      | (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                      |  |  |  |  |

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| 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 that 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**

PROMINENT BEZEL

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