

**ENGLISH** 

## **Datasheet**

RS Pro Flush Indicator Panel Mount, 6mm Mounting Hole Size, Yellow LED, Solder Tab Termination, 3 mm Lamp Size, 12 V dc

RS Stock No: 700-1619



## **Product Details**

RS Pro flush indicator with 6 mm mounting hole, features white LEDs for panel mount applications. With an IP67 rating, it is suitable for most environments including outdoor applications. This indicator accommodates a lamp size of 3 mm and offers 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 3 mm LED requires a 6 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**

- 6 mm panel mounting LED indicator
- Coloured diffused epoxy lens or water clear super bright LEDs
- · Prominent, recessed, chamfer and flush bezel styles
- Sealed to IP67
- Operating temperature range: -40 to +85°C





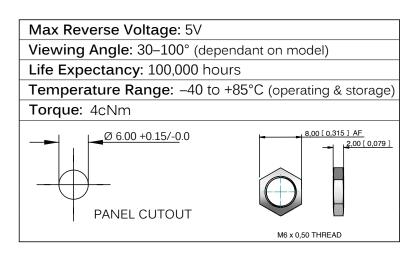
## **Specifications:**

| opecinications.      |              |
|----------------------|--------------|
| Bezel Colour         | Black Chrome |
| Bezel Style          | Flush        |
| Current Rating       | 20 mA        |
| Intensity            | 160 mcd      |
| IP Rating            | IP67         |
| Lamp Size            | 3 mm         |
| Lamp Type            | LED          |
| Length               | 35.75 mm     |
| Light Output Colour  | Yellow       |
| Mounting Hole Size   | 6 mm         |
| Termination Type     | Solder Lug   |
| Type                 | Panel Mount  |
| Voltage Rating       | 12 V dc      |
| Temperature Rating   | -40 to +85°C |
| Type of Illumination | Fixed Light  |
| LED Colour           | White        |
|                      |              |
|                      |              |



| TECHNICAL SPECIFICATIONS |                   |                     |  |  |  |
|--------------------------|-------------------|---------------------|--|--|--|
| Voltage                  | Operating Voltage | Operating Current   |  |  |  |
|                          | (Min to Max)      | (Typical All Types) |  |  |  |
| 02 (No Resistor)         | 1.8 to 3.8VDC     | 20mA max*           |  |  |  |
| 6VDC                     | 5.4 to 6.6VDC     | 20mA                |  |  |  |
| 12VDC                    | 10.8 to 13.2VDC   | 20mA                |  |  |  |
| 24VAC/DC                 | 21.6 to 26.4VDC   | 20mA                |  |  |  |
| 28VDC                    | 25.2 to 30.8VDC   | 20mA                |  |  |  |

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| Standard LED Intensity         | Prominent and Recessed               | Flush                    | Forward Voltage |
|--------------------------------|--------------------------------------|--------------------------|-----------------|
| HE Red                         | 40mcd                                | 10mcd                    | 2.0V            |
| Green                          | 50mcd                                | 12mcd                    | 2.2V            |
| Yellow                         | 30mcd                                | 6mcd                     | 2.1V            |
| Blue                           | 1,200mcd                             | 100mcd                   | 3.8V            |
| White                          | 1,200mcd                             | 160mcd                   | 3.8V            |
| Orange                         | 60mcd                                | 10mcd                    | 2.0V            |
| Bi-color (Typical) (Red/Green) | 20/15mcd                             | 10/8mcd                  | 2.0V/2.2V       |
| The                            | color is changed by reversing the no | plarity of the supply yo | ltane           |

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

| Super Bright LED | Prominent and Recessed | Flush    | Forward Voltage |
|------------------|------------------------|----------|-----------------|
| HE Red           | 1,000mcd               | 700mcd   | 2.2V            |
| Green            | 1,200mcd               | 2,000mcd | 3.5V            |
| Yellow           | 2000mcd                | 8,000mcd | 2.3V            |
| Blue             | 1,600mcd               | 200mcd   | 3.3V            |
| White            | 1,200mcd               | 350mcd   | 3.3V            |
| Orange           | 10,000mcd              | 500mcd   | 2.2V            |
|                  |                        |          |                 |

| Hyper Bright LED | Prominent and Recessed | Flush  | Forward Voltage |
|------------------|------------------------|--------|-----------------|
| HE Red           | 3,700mcd               | 600mcd | 2.2V            |
| Green            | 2,000mcd               | 350mcd | 3.2V            |
| Yellow           | 1,200mcd               | 140mcd | 2.0V            |
| Orange           | 4,500mcd               | 400mcd | 2.2V            |

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.

LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.



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### **Technical Drawings**

#### **FLUSH BEZEL**

