

Datasheet

RS Pro Flush Indicator Panel Mount, 6mm Mounting Hole Size, Red LED, Lead Wires Termination, 3 mm Lamp Size, 12 V dc RS Stock No: 700-1805



### **Product Details**

RS Pro flush indicator with 6 mm mounting hole, features red 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 wires 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

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| Specifications:      |               |
|----------------------|---------------|
| Bezel Colour         | Bright Chrome |
| Bezel Style          | Flush         |
| Current Rating       | 20 mA         |
| Intensity            | 10 mcd        |
| IP Rating            | IP67          |
| Lamp Size            | 3 mm          |
| Lamp Type            | LED           |
| Length               | 22 mm         |
| Light Output Colour  | Red           |
| Mounting Hole Size   | 6 mm          |
| Termination Type     | Wires         |
| Туре                 | Panel Mount   |
| Voltage Rating       | 12 V dc       |
| Temperature Rating   | -40 to +85°C  |
| Type of Illumination | Fixed Light   |
| LED Colour           | Red           |
|                      |               |



| TECHNICAL SPECIFICATIONS |                   |                          |  |  |  |
|--------------------------|-------------------|--------------------------|--|--|--|
| Voltage                  | Operating Voltage | <b>Operating Current</b> |  |  |  |
|                          | (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                     |  |  |  |

| Max Reverse Voltage: 5V        |                               |
|--------------------------------|-------------------------------|
| Viewing Angle: 30–100° (depend | lant on model)                |
| Life Expectancy: 100,000 hours |                               |
| Temperature Range: -40 to +8   | 5°C (operating & storage)     |
| Torque: 4cNm                   |                               |
| PANEL CUTOUT                   | 8.00[0,315] AF<br>2.00[0,079] |
|                                | M6 x 0,50 THREAD              |

| 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       |
| l ne                           | e color is changed by reversing the po | plarity of the supply vol | tage.           |
| 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            |

| 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            |

500mcd

2.2V

10,000mcd

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.

Orange

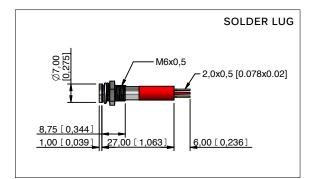
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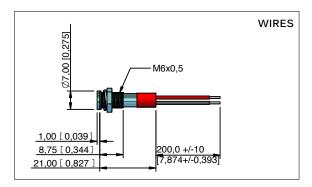
The company reserves the right to change specifications without notice. \* Customer to supply resistor for desired operating current. Luminous intensity is measured at 20mA on a discrete LED unless otherwise stated. LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

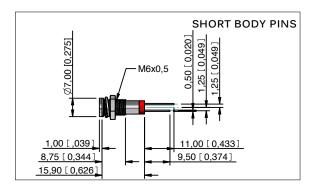


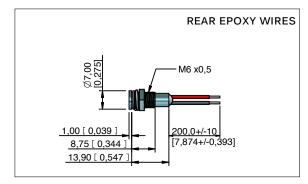
#### **Technical Drawings**

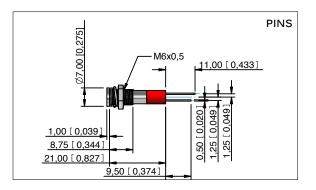
FLUSH BEZEL

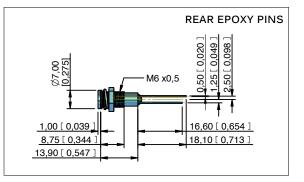


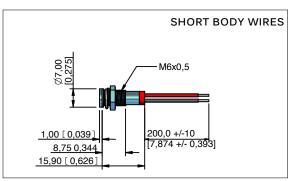












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