

ENGLISH

Datasheet

RS Pro Flush Indicator Panel Mount, 8mm Mounting Hole Size, Red/Green/Yellow LED, Solder Tab Termination, 5 mm Lamp Size RS Stock No: 209-771





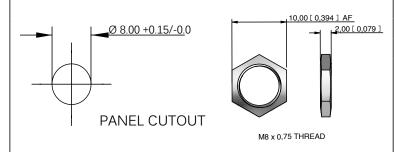
TECHNICAL SPECIFICATIONS

| 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 | |

Max Reverse Voltage: 5V Viewing Angle: 30–100° (dependant on model)

Life Expectancy: 100,000 hours

Temperature Range: -40 to +85°C (operating & storage) Torque: 20 to 25cNm



| 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 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 | 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 |
| Blue | 2,200mcd | 280mcd | 3.3V |
| White | 2,500mcd | 950mcd | 3.3V |
| Orange | 4,000mcd | 500mcd | 2.2V |

| Hyper Bright LED | Prominent and Recessed | Flush | Forward Voltage |
|------------------|------------------------|---------|-----------------|
| HE Red | 6,000mcd | 980mcd | 2.2V |
| Green | 1,900mcd | 300mcd | 3.3V |
| Yellow | 1,600mcd | 250mcd | 2.0V |
| Orange | 2,400mcd | 110mcd | 2.2V |
| Orange | 2,400111CU | TTOILCO | Z.ZV |

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.

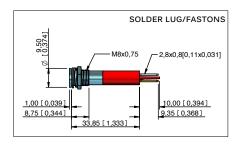
LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

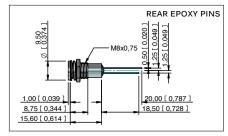
RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

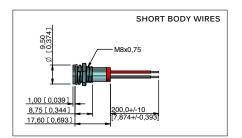
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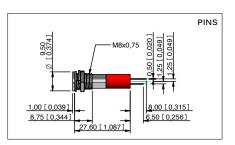


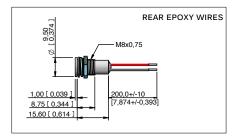
Technical Drawings FLUSH BEZEL

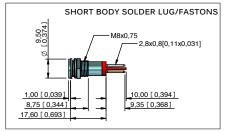


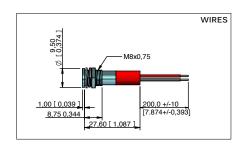


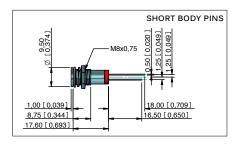


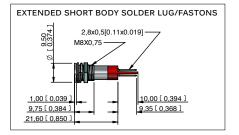












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