

ENGLISH

Datasheet

RS Pro Prominent Indicator Panel Mount, 8mm Mounting Hole Size, Yellow LED, Lead Pins Termination, 5 mm Lamp Size, 2 V dc RS Stock No: 205-347



Product Details

RS Pro prominent indicator with 8 mm mounting hole, features yellow 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 5 mm and offers short body pin termination. It has a voltage rating of 2.1 V. The indicator has a wide operating temperature range of -40 to +85°C, further increasing the potential applications they may be used for. The 5 mm LED requires an 8 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

- 8 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 | Black Chrome | |
| Bezel Style | Prominent | |
| Current Rating | 20 mA | |
| Intensity | 50 mcd | |
| IP Rating | IP67 | |
| Lamp Size | 5 mm | |
| Lamp Type | LED | |
| Length | 17.6 mm | |
| Light Output Colour | Yellow | |
| Mounting Hole Size | 8 mm | |
| Termination Type | Short Body Pins | |
| Туре | Panel Mount | |
| Voltage Rating | 2.1 V | |
| Temperature Rating | -40 to +85°C | |
| Type of Illumination | Fixed Light | |
| LED Colour | Yellow | |



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 | |

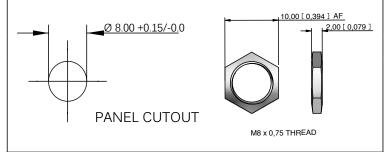
Max Reverse Voltage: 5V

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 |
| | | | |

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.

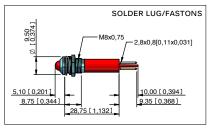
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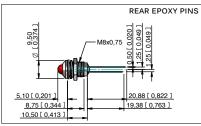
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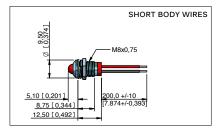


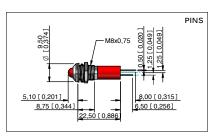
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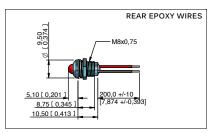
Technical Drawings

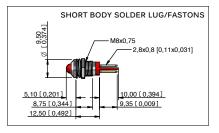


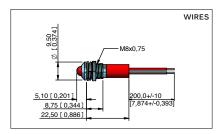


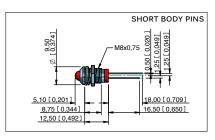


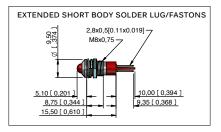












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