

**ENGLISH** 

# **Datasheet**

RS Pro Recessed Indicator Panel Mount, 8mm Mounting Hole Size, Yellow LED, Solder Tab Termination, 5 mm Lamp Size

RS Stock No: 212-389



## **Product Details**

RS Pro recessed indicator with 8 mm mounting hole, features high contrast 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 faston, solder lug termination. It has a voltage rating of 24 V ac/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 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





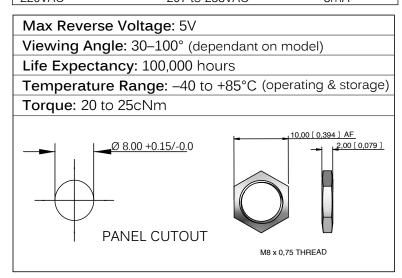
# **Specifications:**

| opecinications.      |                      |
|----------------------|----------------------|
| Bezel Colour         | Bright Chrome        |
| Bezel Style          | Recessed             |
| Current Rating       | 20 mA                |
| Intensity            | 40 mcd               |
| IP Rating            | IP67                 |
| Lamp Size            | 5 mm                 |
| Lamp Type            | LED                  |
| Length               | 34.75 mm             |
| Light Output Colour  | Yellow               |
| Mounting Hole Size   | 8 mm                 |
| Termination Type     | Faston, Solder Lug   |
| Type                 | Panel Mount          |
| Voltage Rating       | 24 V ac/dc           |
| Temperature Rating   | -40 to +85°C         |
| Type of Illumination | Fixed Light          |
| LED Colour           | High Contrast 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                 |  |  |  |

**ENGLISH** 



| 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  |
| Ri-color - The color is changed by reversing the polarity of the supply voltage |                        |            |                 |

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 |

| 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.

The company reserves the inglit 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.

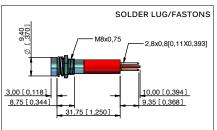
Luminous intensities and color shades of white LEDs may vary within a batch.

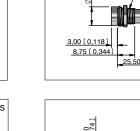
LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

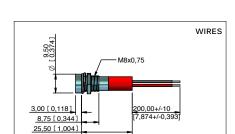


# **Technical Drawings**

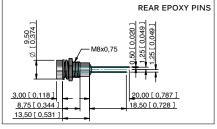
#### RECESSED BEZEL

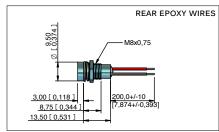






**ENGLISH** 





-M8x0.75

PINS

0,50 [ 0,020 ] 1,25 [ 0,049] 1,25 [ 0,049]

8,00 [ ,315]

