

## Datasheet

# RS Pro Indicator Panel Mount, 22mm Mounting Hole Size, Blue LED, Lead Wires Termination, 18 mm Lamp Size, 12 V dc

RS Stock No: **123-2435**



## Product Details

RS Pro chamfer indicator with 22 mm mounting hole, features blue 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 18 mm and offers rear epoxy wire 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 18 mm LED requires a 22 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

- 22 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

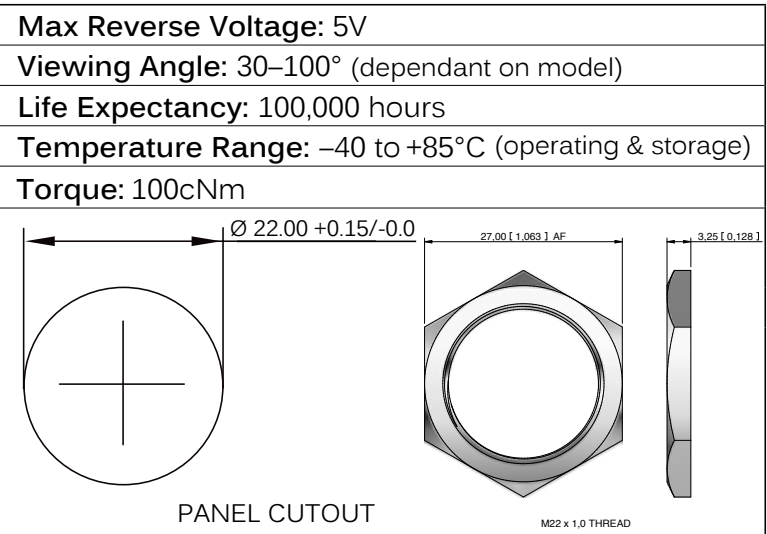
**Specifications:**

|                      |                                      |
|----------------------|--------------------------------------|
| Bezel Colour         | Metallic (Stainless Steel)           |
| Bezel Style          | Chamfer                              |
| Current Rating       | 40 mA                                |
| Intensity            | 101 mcd (Flush), 120 mcd (Prominent) |
| IP Rating            | IP67                                 |
| Lamp Size            | 18 mm                                |
| Lamp Type            | LED                                  |
| Length               | 24.5 mm                              |
| Light Output Colour  | Blue                                 |
| Mounting Hole Size   | 22 mm                                |
| Termination Type     | Rear Epoxy Wires                     |
| Type                 | Panel Mount                          |
| Voltage Rating       | 12 V dc                              |
| Temperature Rating   | -40 to +85°C                         |
| LED Colour           | Blue                                 |
| Type of Illumination | Fixed Light                          |



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| TECHNICAL SPECIFICATIONS |                                   |                                          |
|--------------------------|-----------------------------------|------------------------------------------|
| Voltage                  | Operating Voltage<br>(Min to Max) | Operating Current<br>(Typical All Types) |
| 05 (No Resistor)         | 3.3 to 9.9VDC                     | 40mA max*                                |
| 12VDC                    | 10.8 to 13.2VDC                   | 40mA                                     |
| 24VDC                    | 21.6 to 26.4VDC                   | 40mA                                     |
| 28VDC                    | 25.2 to 30.8VDC                   | 40mA                                     |
| 110VAC                   | 99 to 121VAC                      | 5mA                                      |
| 220VAC                   | 207 to 253VAC                     | 3mA                                      |



| Standard LED Intensity                                                                    | Prominent and Recessed | Flush       | Forward Voltage |
|-------------------------------------------------------------------------------------------|------------------------|-------------|-----------------|
| HE Red                                                                                    | 82mcd                  | 70mcd       | 5.7V            |
| Green                                                                                     | 95mcd                  | 66mcd       | 6.0V            |
| Yellow                                                                                    | 60mcd                  | 59mcd       | 5.9V            |
| Blue                                                                                      | 120mcd                 | 101mcd      | 9.9V            |
| White                                                                                     | 1,000mcd               | 150mcd      | 3.3V            |
| Bi-color (Typical) (Red/Green)                                                            | 80/50mcd               | 80/50mcd    | 2.0V/2.2V       |
| Tri-color (Typical) (Red/Green/Yellow)                                                    | 80/50/50mcd            | 80/50/50mcd | 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 (Diffused)                                                               | Prominent and Recessed | Flush       | Forward Voltage |
| HE Red                                                                                    | 465mcd                 | 800mcd      | 5.7V            |
| Green                                                                                     | 245mcd                 | 980mcd      | 9.0V            |
| Yellow                                                                                    | 365mcd                 | 1,250mcd    | 6.0V            |
| Luminous intensity will be reduced with lower operating current.                          |                        |             |                 |

Note: The operating voltage must not be exceeded by more than 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.

# Technical Drawings

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## CHAMFER BEZEL

(316L Stainless Steel and aluminium only)

