

Datasheet

RS Pro Prominent Indicator Panel Mount, 22mm Mounting Hole Size, Yellow LED, Solder Tab Termination, 18 mm Lamp Size

RS Stock No: **209-709**



Product Details

RS Pro prominent indicator with 22 mm mounting hole, features yellow LEDs for panel mount applications. This indicator accommodates a lamp size of 18 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 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
- Operating temperature range: -40 to +85°C

Specifications:

| | |
|----------------------|--------------------|
| Bezel Colour | Bright Chrome |
| Bezel Style | Prominent |
| Current Rating | 40 mA |
| Intensity | 60 mcd |
| Lamp Size | 18 mm |
| Lamp Type | LED |
| Length | 41.5 mm |
| Light Output Colour | Yellow |
| Mounting Hole Size | 22 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 | Yellow |



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| TECHNICAL SPECIFICATIONS | | |
|--------------------------|-----------------------------------|--|
| Voltage | Operating Voltage (Min to Max) | Operating Current (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 |

| |
|--|
| 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: 100cNm |

PANEL CUTOUT

| 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

PROMINENT BEZEL

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