

Datasheet

## RS Pro Prominent Indicator Panel Mount, 12mm Mounting Hole Size, Blue LED, Solder Tab Termination, 8 mm Lamp Size

RS Stock No: **209-181**



### Product Details

RS Pro prominent indicator with 12 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 8 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 8 mm LED requires a 12 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

- 12 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	Bright Chrome
Bezel Style	Prominent
Current Rating	20 mA
Intensity	800 mcd
IP Rating	IP67
Lamp Size	8 mm
Lamp Type	LED
Length	36.25 mm
Light Output Colour	Blue
Mounting Hole Size	12 mm
Termination Type	Faston, Solder Lug
Type	Panel Mount
Voltage Rating	24 V ac/dc
Temperature Rating	-40 to +85°C
LED Colour	Blue
Type of Illumination	Fixed Light



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TECHNICAL SPECIFICATIONS		
Voltage	Operating Voltage (Min to Max)	Operating Current (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: 75cNm**

PANEL CUTOUT                      M12 x 0.75 THREAD

Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	350mcd	N/A	2.0V
Green	60mcd	N/A	2.2V
Yellow	50mcd	N/A	2.1V
Blue	800mcd	N/A	3.3V
Blue	N/A	330mcd	3.1V
White	1,200mcd	N/A	3.3V
White	N/A	2,180mcd	3.1V
Orange	100mcd	N/A	2.0V
Bi-color (Typical) (Red/Green)	20/10mcd	N/A	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yellow)	80/15/13mcd	N/A	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	3,000mcd	N/A	2.2V
Green	8,000mcd	N/A	3.3V
Yellow	1,100mcd	N/A	2.3V
Blue	1,500mcd	N/A	3.3V
White	1,200mcd	N/A	3.3V
Orange	2,000mcd	N/A	2.2V
Hyper Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	N/A	1,120mcd	2.0V
Green	N/A	1,560mcd	3.3V
Yellow	N/A	1,120mcd	2.0V
Orange	N/A	1,120mcd	2.2V
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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