

## Datasheet

# RS Pro Prominent Indicator Panel Mount, 12mm Mounting Hole Size, Yellow LED, Lead Wires Termination, 8 mm Lamp Size, 24 V dc

RS Stock No: **209-153**



## Product Details

RS Pro prominent indicator with 12 mm mounting hole, features yellow LEDs for panel mount applications. This indicator accommodates a lamp size of 8 mm and offers wires termination. It has a voltage rating of 24 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 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
- Operating temperature range: -40 to +85°C

**Specifications:**

Bezel Colour	Black Chrome
Bezel Style	Prominent
Current Rating	20 mA
Intensity	50 mcd
Lamp Size	8 mm
Lamp Type	LED
Length	32 mm
Light Output Colour	Yellow
Mounting Hole Size	12 mm
Termination Type	Wires
Type	Panel Mount
Voltage Rating	24 V 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)
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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