

### **ENGLISH**

Datasheet

RS Pro Prominent Indicator Panel Mount, 22mm Mounting Hole Size, Yellow LED, Solder Tab Termination, 18 mm Lamp Size RS Stock No: 209-535



### **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 12 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



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# **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	
Туре	Panel Mount	
Voltage Rating	12 V ac/dc	
Temperature Rating	-40 to +85°C	
Type of Illumination	Fixed Light	
LED Colour	Yellow	

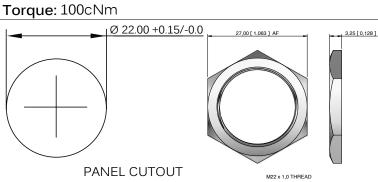


#### **TECHNICAL SPECIFICATIONS**

Voltage	Operating Voltage	Operating Current	
	(Min to Max)	(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)



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		

Luminous intensity will be reduced with lower operating current.

1,250mcd

365mcd

Yellow

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.
\* 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.

#### RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

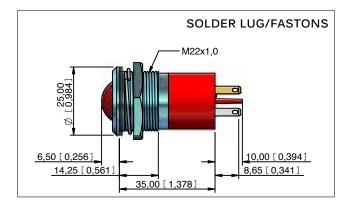
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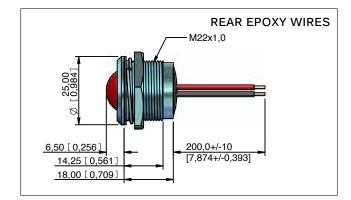
6.0V

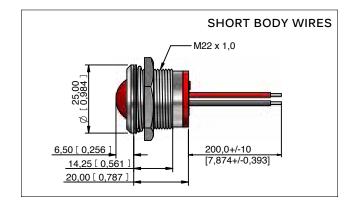


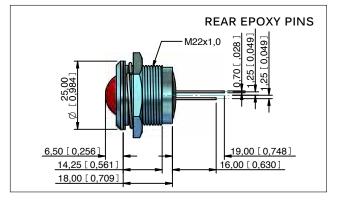
#### **Technical Drawings**

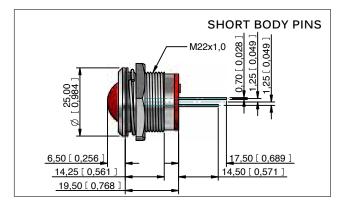
#### PROMINENT BEZEL











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