

## **ENGLISH**

Datasheet

RS Pro Prominent Indicator Panel Mount, 16mm Mounting Hole Size, Red LED, Solder Tab Termination, 10 mm Lamp Size

RS Stock No: 205-707



### **Product Details**

RS Pro prominent indicator with 16 mm mounting hole, features red LEDs for panel mount applications. This indicator accommodates a lamp size of 10 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 10 mm LED requires a 16 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**

- 16 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	20 mA	
Intensity	80 mcd	
Lamp Size	10 mm	
Lamp Type	LED	
Length	38.5 mm	
Light Output Colour	Red	
Mounting Hole Size	16 mm	
Termination Type	Faston, Solder Lug	
Туре	Panel Mount	
Voltage Rating	24 V ac/dc	
Temperature Rating	-40 to +85°C	
Type of Illumination	Fixed Light	
LED Colour	Red	



#### **TECHNICAL SPECIFICATIONS**

Voltage	Operating Voltage	Operating Current	
	(Min to Max)	(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	

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#### 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 19,00 [ 0,748 ] AF 2,40 [ 0,094 ] Ø 16.00 +0.15/-0.0



Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	80mcd	10mcd	2.0V
Green	60mcd	5mcd	2.2V
Yellow	50mcd	4mcd	2.1V
Blue	540mcd	100mcd	3.3V
White	1000mcd	150mcd	3.3V
Orange	80mcd	200mcd	2.0V
Bi-color (Typical) (Red/Green)	15/15mcd	10/10mcd	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yellow)	60/50/50mcd	15/30/30mcd	2.0V/2.2V/2.1V
Bi-color - The color	r is changed by reversing the po	larity of the supply vol	tage.
Tri-color - The indicator h	as red and green LEDs, when b	oth connected yellow	is produced.
		-	-
Super Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	17,000mcd	2000mcd	2.2V
Green	11,000mcd	680mcd	3.5V
Yellow	4,000mcd	350mcd	2.3V
Blue	2,500mcd	250mcd	3.3V
White	4,400mcd	250mcd	3.3V
Orange	2,800mcd	300mcd	2.1V
Hyper Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	2,800mcd	800mcd	2.1V
Green	2,200mcd	250mcd	3.2V
Yellow	1,300mcd	250mcd	2.0V
Orange	850mcd	200mcd	2.1V
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Luminous i	ntensity will be reduced with lov	wer operating current.	

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.

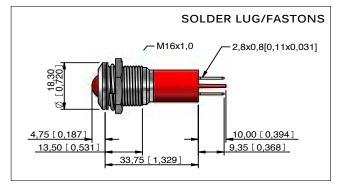
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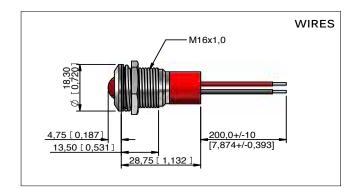
Luminous intensity is measured at 20mA on a discrete LED unless otherwise stated. Luminous intensities and color shades of white LEDs may vary within a batch. LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

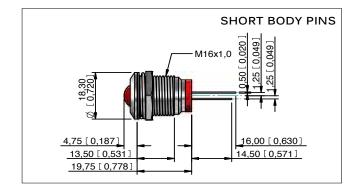


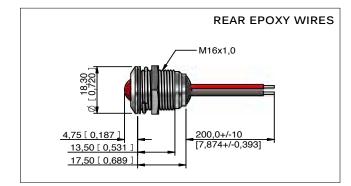
#### Technical Drawings

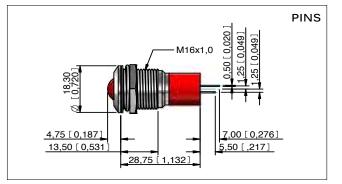
#### PROMINENT BEZEL

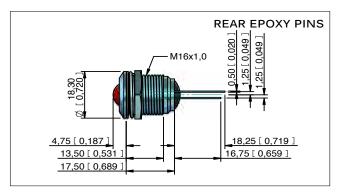


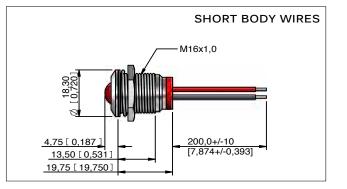












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