

ENGLISH

Datasheet

RS Pro Prominent Indicator Panel Mount, 14mm Mounting Hole Size, Red LED, Solder Tab Termination, 10 mm Lamp Size

RS Stock No: 205-870



Product Details

RS Pro prominent indicator with 14 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. 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 14 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

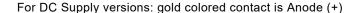
- 14 mm panel mounting LED indicator
- Coloured diffused epoxy lens or water clear super bright LEDs
- Prominent, recessed, chamfer and flush bezel styles
- Operating temperature range: -40 to +85°C



ENGLISH

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	14 mm
Termination Type	Faston, Solder Lug
Туре	Panel Mount
Voltage Rating	24 V ac
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	

ENGLISH

Max Reverse Voltage: 5V		
Viewing Angle: 30–100° (dependant on model)		
Life Expectancy: 100,000 ho	urs	
Temperature Range: -40 to	+85°C (operating & storage)	
Torque: 75cNm		
PANEL CUTOUT	17.00 [0.669] AF 3.00 [0,118] M14 x 1,0 THREAD	

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	14/10mcd	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yellow)	60/50/50mcd	15/10/30mcd	2.0V/2.2V/2.1V
Ri-color - The color is changed by reversing the polarity of the supply voltage			

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	17,000mcd	2,000mcd	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	2800mcd	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

Luminous intensity will be reduced with lower 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.

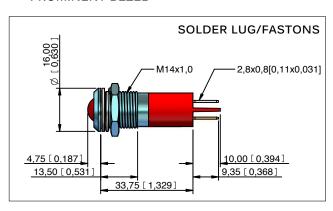
Luminous intensity is measured at 20mA on a discrete LED unless otherwise stated. Luminous intensities and color shades of white LEDs may vary within a batch.

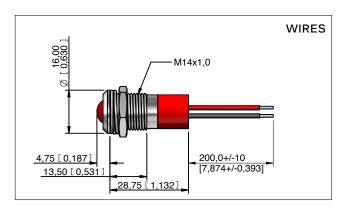
LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

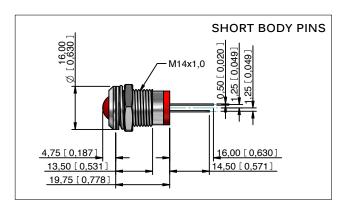


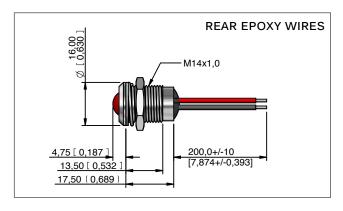
Technical Drawings

PROMINENT BEZEL

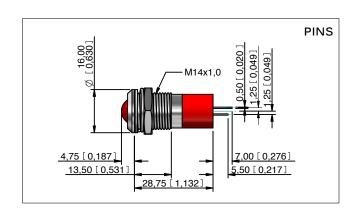


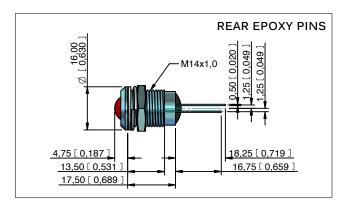


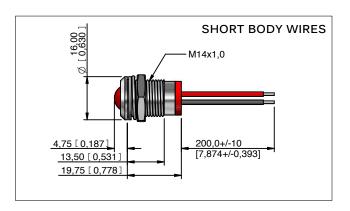




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RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.