

ENGLISH

Datasheet

RS Pro Prominent Indicator Panel Mount, 12mm Mounting Hole Size, Red LED, Lead Pins Termination, 8 mm Lamp Size, 2 V dc RS Stock No: 211-982



Product Details

RS Pro prominent indicator with 12 mm mounting hole, features super bright red LEDs for panel mount applications. This indicator accommodates a lamp size of 8 mm and offers lead pin termination. It has a voltage rating of 2.2 V. 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



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Specifications:

Bezel Colour	Black Chrome
Bezel Style	Prominent
Current Rating	20 mA
Intensity	3000 mcd
Lamp Size	8 mm
Lamp Type	LED
Length	32 mm
Light Output Colour	Red
Mounting Hole Size	12 mm
Termination Type	Pins
Туре	Panel Mount
Voltage Rating	2.2 V
Temperature Rating	-40 to +85°C
Type of Illumination	Fixed Light
LED Colour	Super Bright Red

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.



TECHNICAL SPECIFICATIONS

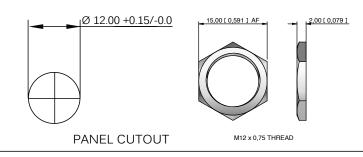
Voltage	Operating Voltage	Operating Current
	(Min to Max)	(Typical All Types)
02 (No Resistor)	1.8 to 3.3VDC	20mA max*
6VDC	5.4 to 6.6VDC	20mA
12VDC	10.8 to 13.2VDC	20mA
24VDC	21.6 to 26.4VDC	20mA
28VDC	25.2 to 30.8VDC	20mA
110VAC	99 to 121VAC	6mA
220VAC	207 to 253VAC	3mA

ENGLISH

Max Reverse Voltage: 5V

Viewing Angle: 30–100° (dependant on model) Life Expectancy: 100,000 hours Temperature Range: -40 to +85°C (operating & storage)

Torque: 75cNm



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	r is changed by reversing the pola	arity of the supply vol	tage.
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	n lower operating cu	rrent

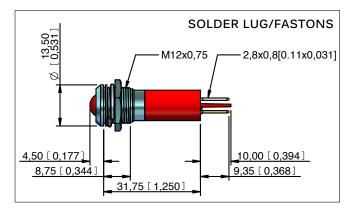
Note: The operating voltage must not be exceeded by more that 10% as this will result in reduced life expectancy.

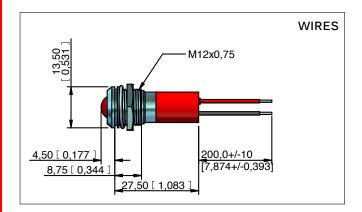
The operating voltage must not be exceeded by more that 10% as this will result in reduced life expectancy. The operating voltage must not be exceeded by more that 10% as this will result in reduced life expectancy. * Customer to supply resistor for desired operating current. Luminous intensity is measured 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.

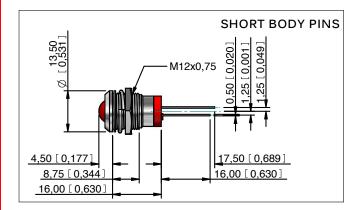
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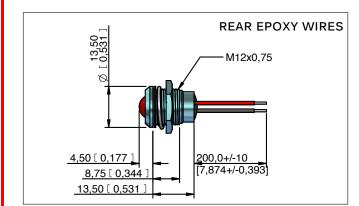


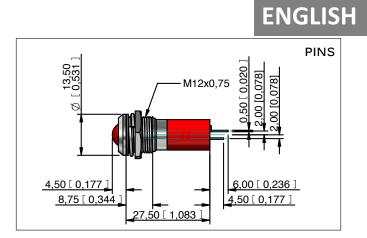
Technical Drawings PROMINENT BEZEL

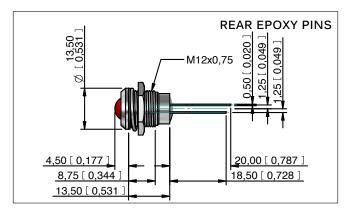


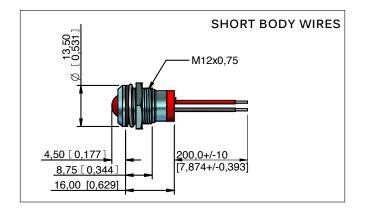












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