

ENGLISH

Datasheet

RS Pro Prominent Indicator Panel Mount, 12mm Mounting Hole Size, Yellow LED, Solder Tab Termination, 8 mm Lamp Size RS Stock No: 209-557



Product Details

RS Pro prominent indicator with 12 mm mounting hole, features yellow LEDs for panel mount applications. With an IP67 rating, it is suitable for most environments including outdoor applications. This indicator accommodates a lamp size of 8 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 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
- Sealed to IP67
- Operating temperature range: -40 to +85°C

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Specifications:	
Bezel Colour	Black Chrome
Bezel Style	Prominent
Current Rating	20 mA
Intensity	50 mcd
IP Rating	IP67
Lamp Size	8 mm
Lamp Type	LED
Length	36.25 mm
Light Output Colour	Yellow
Mounting Hole Size	12 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	Yellow

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TECHNICAL SPECIFICATIONS

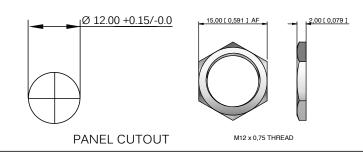
Voltage	Operating Voltage	Operating Current
	(Min to Max)	(Typical All Types)
02 (No Resistor)	1.8 to 3.3VDC	20mA max*
6VDC	5.4 to 6.6VDC	20mA
12VDC	10.8 to 13.2VDC	20mA
24VDC	21.6 to 26.4VDC	20mA
28VDC	25.2 to 30.8VDC	20mA
110VAC	99 to 121VAC	6mA
220VAC	207 to 253VAC	3mA

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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



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 vellow 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

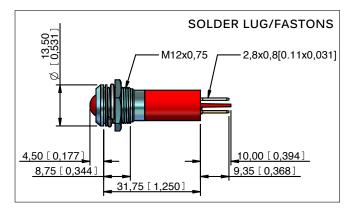
Note: The operating voltage must not be exceeded by more that 10% as this will result in reduced life expectancy.

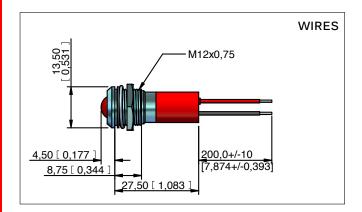
The operating voltage must not be exceeded by more that 10% as this will result in reduced life expectancy. The operating voltage must not be exceeded by more that 10% as this will result in reduced life expectancy. * Customer to supply resistor for desired operating current. Luminous intensity is measured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

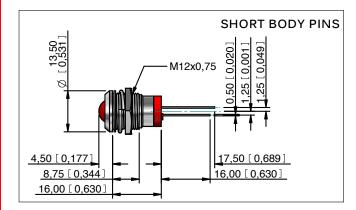
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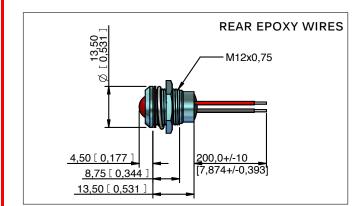


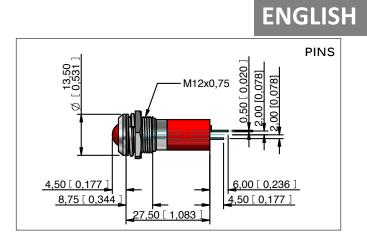
Technical Drawings PROMINENT BEZEL

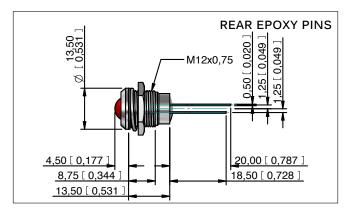


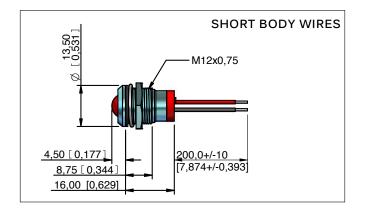












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