

Datasheet

RS Pro Flush Indicator Panel Mount, 6mm Mounting Hole Size, Blue LED, Lead Wires Termination, 3 mm Lamp Size, 2 V dc RS Stock No: 700-1858



Product Details

RS Pro flush indicator with 6 mm mounting hole, features blue 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 3 mm and offers short body wire termination. It has a voltage rating of 3.8 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 3 mm LED requires a 6 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

- 6 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

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.



Specifications:	
Bezel Colour	Black Chrome
Bezel Style	Flush
Current Rating	20 mA
Intensity	100 mcd
IP Rating	IP67
Lamp Size	3 mm
Lamp Type	LED
Length	16.9 mm
Light Output Colour	Blue
Mounting Hole Size	6 mm
Termination Type	Short Body Wires
Туре	Panel Mount
Voltage Rating	3.8 V
Temperature Rating	-40 to +85°C
LED Colour	Blue
Type of Illumination	Fixed Light

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TECHNICAL SPECIFICATIONS					
Voltage	Operating Voltage	Operating Current			
	(Min to Max)	(Typical All Types)			
02 (No Resistor)	1.8 to 3.8VDC	20mA max*			
6VDC	5.4 to 6.6VDC	20mA			
12VDC	10.8 to 13.2VDC	20mA			
24VAC/DC	21.6 to 26.4VDC	20mA			
28VDC	25.2 to 30.8VDC	20mA			

Max Reverse Voltage: 5V	
Viewing Angle: 30–100° (depend	lant on model)
Life Expectancy: 100,000 hours	
Temperature Range: -40 to +8	5°C (operating & storage)
Torque: 4cNm	
PANEL CUTOUT	8.00[0,315] AF 2.00[0,079]
	M6 x 0,50 THREAD

Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	40mcd	10mcd	2.0V
Green	50mcd	12mcd	2.2V
Yellow	30mcd	6mcd	2.1V
Blue	1,200mcd	100mcd	3.8V
White	1,200mcd	160mcd	3.8V
Orange	60mcd	10mcd	2.0V
Bi-color (Typical) (Red/Green)	20/15mcd	10/8mcd	2.0V/2.2V
l ne	e color is changed by reversing the po	plarity of the supply vol	tage.
Super Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	1,000mcd	700mcd	2.2V
Green	1,200mcd	2,000mcd	3.5V
Yellow	2000mcd	8,000mcd	2.3V
Blue	1,600mcd	200mcd	3.3V
White	1,200mcd	350mcd	3.3V

Hyper Bright LED	Prominent and Recessed	Flush	Forward Voltage
HE Red	3,700mcd	600mcd	2.2V
Green	2,000mcd	350mcd	3.2V
Yellow	1,200mcd	140mcd	2.0V
Orange	4,500mcd	400mcd	2.2V

500mcd

2.2V

10,000mcd

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.

Orange

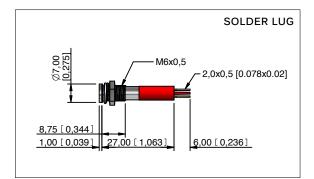
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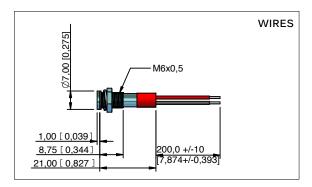
The company reserves the right to change specifications without notice. * Customer to supply resistor for desired operating current. Luminous intensity is measured at 20mA on a discrete LED unless otherwise stated. LED characteristics are dependent upon environmental conditions. Therefore published data should be considered nominal.

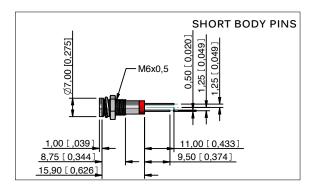


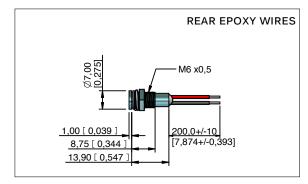
Technical Drawings

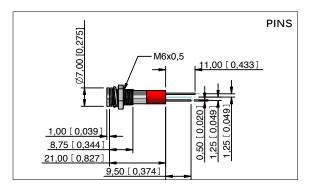
FLUSH BEZEL

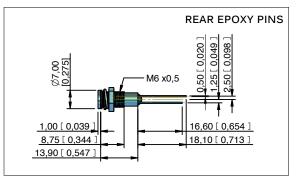


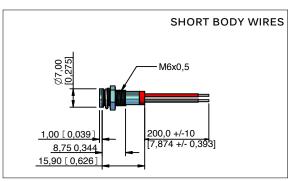












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