FEATURES

- Voltage of 2 V DC
- Green LED indicator light
- Needs a mounting hole of 8 mm
- Lamp size of 5 mm
- Lead wires
- IP67 rated so dirt and water-resistant
- Flush bezel
- Black chrome
- Current rating of 20mA
- Intensity of 8 mcd (millicandela)
- Length of 17.6 mm
- Coloured diffused epoxy lens or water clear super bright LEDs
- Operating temperature range: -40 to +85°C

RS PRO Green Indicator, 2 V dc, 8mm Mounting Hole Size, Lead Wires Termination, IP67

RS Stock No.: 700-1962

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

If you're looking for a warning or indicator light for your equipment, the RS PRO 2 V dc green indicator is a reliable choice. It consists of an LED (light-emitting diode) bulb with a 5 mm coloured epoxy lens and a flush chrome beze. There's also a fixing nut and spring washer for a tight fit when installing. This type of light is found on equipment like switches and push-buttons.

The LED indicator provides a high level of brightness – 8 mcd (millicandela) intensity – and is designed to be long-lasting with low consumption. There's are lead wires attached and its IP67 rating means it's dirt-resistant and waterproof up to 1 m. The indicator is 17.6 mm long and requires a mounting hole of 8 mm.

General Specifications

Light Output Colour	Green
Lamp Type	LED
Termination Type	Lead Wires
Type	Panel Mount
Bezel Style	Flush
Bezel Colour	Black Chrome
Intensity	6mcd
Type of Illumination	Fixed Light
LED Colour	Green
Viewing Angle	30°–100° (dependant on model)
Life Expectancy	100,000 hours
Applications	Industrial settings, including the food processing, transportation and marine industries

Electrical Specifications

Voltage Rating	2VDC
Current Rating	20mA

Mechanical Specifications

Mounting Hole Size	8mm
Length	17.6mm
Shape	Round
Lamp Size	5mm

Operation Environment Specifications

Temperature Rating	-40°C to 85°C

Protection Category

IP Rating	IP67

Approvals

Compliance/Certifications	RoHS Compliant

TECHNICAL SPECIFICATIONS

Voltage	Operating Voltage (Min to Max)	Operating Current (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

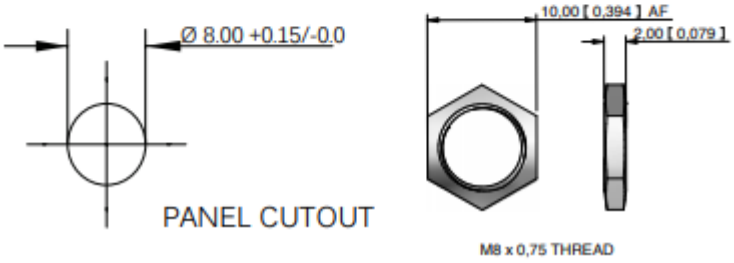
Max Reverse Voltage: 5V

Viewing Angle: 30–100° (dependant on model)

Life Expectancy: 100,000 hours

Temperature Range: –40 to +85°C (operating & storage)

Torque: 20 to 25cNm



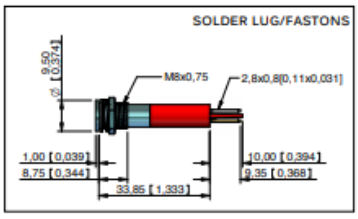
Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	80mcd	8mcd	2.0V
Green	60mcd	6mcd	2.2V
Yellow	50mcd	6mcd	2.1V
Blue	1600mcd	50mcd	3.3V
White	1600mcd	500mcd	3.3V
Orange	60mcd	110mcd	2.2V
Bi-color (Typical) (Red/Green)	14/30mcd	15/10mcd	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yellow)	60/15/13mcd	15/10/6mcd	2.0V/2.2V/2.1V
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	5,000mcd	1,300mcd	2.2V
Green	10,000mcd	1,200mcd	3.3V
Yellow	4,000mcd	350mcd	2.0V
Blue	2,200mcd	280mcd	3.3V
White	2,500mcd	950mcd	3.3V
Orange	4,000mcd	500mcd	2.2V
Hyper Bright LED	**Prominent and Recessed**	**Flush**	**Forward Voltage**
HE Red	6,000mcd	980mcd	2.2V
Green	1,900mcd	300mcd	3.3V
Yellow	1,600mcd	250mcd	2.0V
Orange	2,400mcd	110mcd	2.2V
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.

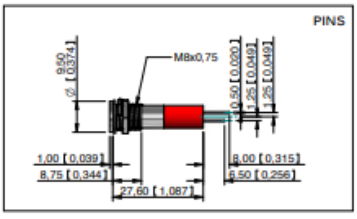
Technical Drawings

FLUSH BEZEL

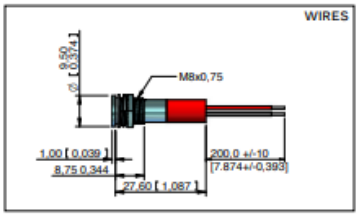
SOLDER LUG/FASTONS



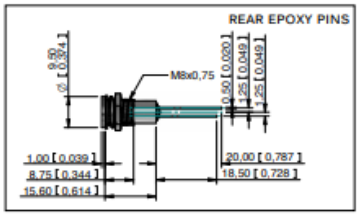
PINS



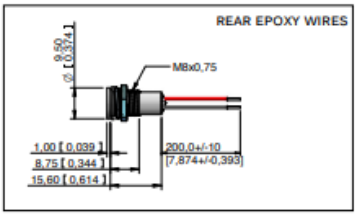
WIRES



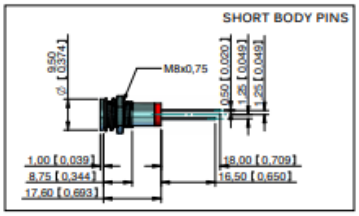
REAR EPOXY PINS



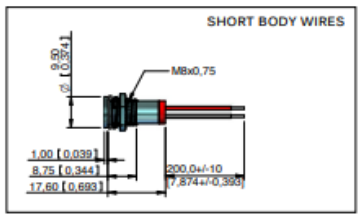
REAR EPOXY WIRES



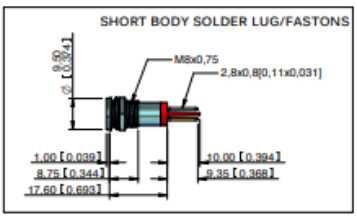
SHORT BODY PINS



SHORT BODY WIRES



SHORT BODY SOLDER LUG/FASTONS



EXTENDED SHORT BODY SOLDER LUG/FASTONS