FEATURES

- **5mm coloured diffused epoxy lens**

- **Maximum panel thickness 7mm**

- **Connection via 200mm flying leads**

- **Sealed to IP67**

- **Bi-colour types have two LEDs in inverse parallel**

- **Tri-colour types have two LEDs with common cathode**

RS PRO Green, Red, Yellow Indicator, 24 V dc, 8mm Mounting Hole Size, Lead Wires Termination, IP67

RS Stock No.: 700-1965

Product Description

Brought to you by RS Pro, these LED indicators are an excellent solution for various applications. The body features a flying lead termination and are sealed to an ingress protection of IP67, assuring suitability for use in harsh environments and even outdoor applications. RS Pro LED indicators give a high level of brightness and a long life, making them ideal for various equipment applications. All models are highly reliable and excellent quality.

General Specifications

Light Output Colour	Green, Red, Yellow
Lamp Type	LED
Termination Type	Lead Wires
Type	Panel Mount
Bezel Style	Flush
Bezel Colour	Chrome
Intensity	10 (Red) mcd, 6 (Yellow) mcd, 8 (Green) mcd
Type Of Illumination	Fixed Light
LED Colour	Green, Red, Yellow
Viewing Angle	30^0 to 100^0
Life Expectancy	100000hours
Applications	Fixed to PCB circuit boards mounted; Switches; Pushbuttons; Used as vehicle indicators

Electrical Specifications

Voltage Rating	24V dc
Current Rating	20mA
Voltage Tolerance	10%

Mechanical Specifications

Mounting Hole Size	8mm
Length	27.6mm
Torque	20cNm to 25cNm
Lamp Size	5mm

Operation Environment Specifications

Temperature Rating	-40°C to 85°C

Protection Category

IP Rating	IP67

Approvals

Compliance/Certifications	EN61340
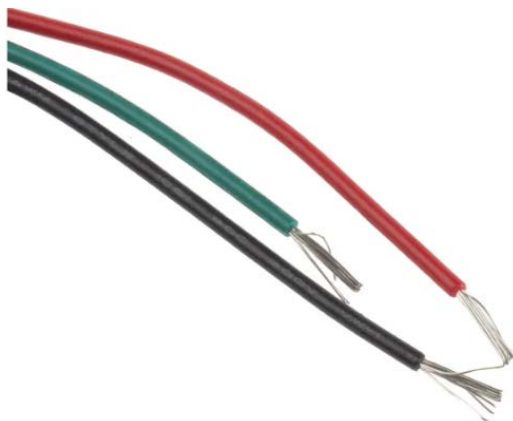
TECHNICAL SPECIFICATIONS

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

Ø 8.00 +0.15/-0.0

PANEL CUTOUT

10,00 [0,394] AF
2.00 [0,079]

M8 x 0,75 THREAD
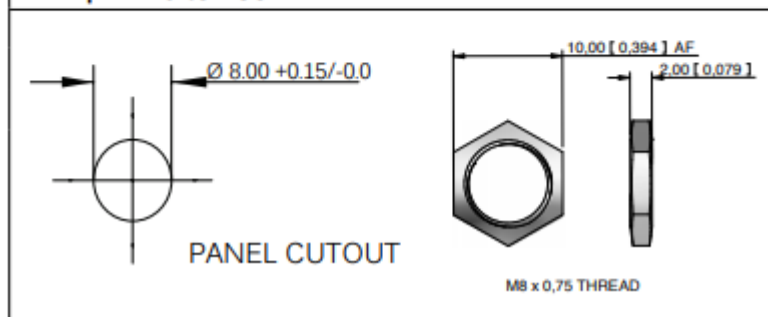
Standard LED Intensity	Prominent and Recessed	Flush	Forward Voltage
HE Red	80mcd	8mcd	2.0V
Green	60mcd	6mcd	2.2V
Yellow	50mcd	6mcd	2.1V
Blue	1600mcd	50mcd	3.3V
White	1600mcd	500mcd	3.3V
Orange	60mcd	110mcd	2.2V
Bi-color (Typical) (Red/Green)	14/30mcd	15/10mcd	2.0V/2.2V
Tri-color (Typical) (Red/Green/Yellow)	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.

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