

FEATURES

- 5 mm tinted diffused epoxy lens.
- Various voltages
- Recessed or prominent bezel style
- Longevity and low power consumption
- Solder pin terminals

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

RS Stock No.: 212-086



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

Brought to you by RS Pro, a high quality range of LED indicators. Each indicator has a compact and durable build, complimented by their IP67 Rating. Pin terminals are attached to the indicators for convenience and easy installation. Whether the application is a signal or warning light, or purely for display purposes, there are various colours to suit your needs. All models are highly reliable and excellent quality.

General Specifications

| Light Output Colour | Green |
|----------------------|--|
| Lamp Type | LED |
| Termination Type | Lead Pins |
| Type | Panel Mount |
| Bezel Style | Recessed |
| Bezel Colour | Chrome |
| Intensity | 40mcd |
| Type Of Illumination | Fixed Light |
| LED Colour | Green |
| Viewing Angle | 30° to 100° |
| Life Expectancy | 100000hours |
| Applications | Fixed to PCB circuit boards mounted; Switches; Pushbuttons; Used as vehicle indicators |

Electrical Specifications

| Voltage Rating | 2V dc |
|-------------------|-------|
| Current Rating | 20mA |
| Voltage Tolerance | 10% |



Mechanical Specifications

| Mounting Hole Size | 8mm |
|--------------------|----------------|
| Length | 32mm |
| Torque | 20cNm to 25cNm |
| Lamp Size | 5mm |

Operation Environment Specifications

| Temperature Rating | -40°C to 85°C | |
|--------------------|---------------|--|
|--------------------|---------------|--|

Protection Category

| IP Rating | IP67 |
|-----------|------|

Approvals

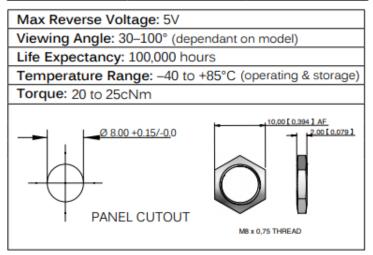
| Compliance/Certifications | EN61340 |
|---------------------------|---------|
| | |



Indicators



| 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 | |



| 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 col | or is changed by reversing the po | plarity of the supply volt | age. |
| Tri-color - The indicator | has red and green LEDs, when b | oth connected yellow i | s 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 lo | wer operating current. | |

Indicators



RECESSED BEZEL

