

### **FEATURES**

- 10 mm coloured diffused epoxy style lens, 16 mm chrome bezel
- Various voltages
- Tri-colour options
- 4 Colours available: Red, yellow, orange and green

# RS PRO Red Indicator, 24 → 36 V dc, 14mm Mounting Hole Size, Tab Termination

**RS Stock No.: 205-426** 



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**

From RS Pro, a range of high quality LED indicators. Each indicator has a compact and robust build, complete with a solder tab termination. The ease and quickness of the installation process ensures these LED indicators are perfect for your application. With various LED colours available, including tri-colour options, the possibilities are endless. Whether the intended application is a signal, warning or purely a display, there are choices to suit all outcomes. All models are highly reliable and excellent quality.

### **General Specifications**

| Light Output Colour  | Red   |
|----------------------|---|
| Lamp Type            | LED   |
| Termination Type     | Solder Tab  |
| Туре                 | Panel Mount   |
| Bezel Style          | Prominent   |
| Bezel Colour         | Black   |
| Intensity            | 8 mcd @ 10mA  |
| Type Of Illumination | Fixed Light   |
| LED Colour           | Red   |
| Viewing Angle        | 30-100°   |
| Life Expectancy      | 100000hours   |
| Applications         | Fixed to PCB circuit boards mounted; Switches;<br>Pushbuttons; Used as vehicle indicators |

### **Electrical Specifications**

| Voltage Rating    | 24V to 36V dc |
|-------------------|---------------|
| Current Rating    | 15mA to 17mA  |
| Voltage Tolerance | 10%           |

# Indicators



### **Mechanical Specifications**

| Mounting Hole Size | 14mm  |
|--------------------|-------|
| Length             | 47mm  |
| Torque             | 75cNm |
| Lamp Size          | 10mm  |

| Operation Environment Specifications |             |
|--------------------------------------|-------------|
| Temperature Rating                   | -40 to 85°C |

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

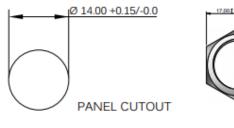


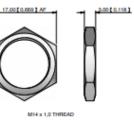


#### TECHNICAL SPECIFICATIONS

| 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                 |

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





For DC Supply versions: gold colored contact is Anode (+)

| Standard LED Intensity                 | Prominent and Recessed             | Flush                   | Forward Voltage |
|--|------------------------------------|-------------------------|-----------------|
| HE Red                                 | 80mcd                              | 10mcd                   | 2.0V            |
| Green                                  | 60mcd                              | 5mcd                    | 2.2V            |
| Yellow                                 | 50mcd                              | 4mcd                    | 2.1V            |
| Blue                                   | 540mcd                             | 100mcd                  | 3.3V            |
| White                                  | 1000mcd                            | 150mcd                  | 3.3V            |
| Orange                                 | 80mcd                              | 200mcd                  | 2.0V            |
| Bi-color (Typical) (Red/Green)         | 15/15mcd                           | 14/10mcd                | 2.0V/2.2V       |
| Tri-color (Typical) (Red/Green/Yellow) | 60/50/50mcd                        | 15/10/30mcd             | 2.0V/2.2V/2.1V  |
| Bi-color - The col                     | or is changed by reversing the po  | larity of the supply vo | ltage.          |
| Tri-color - The indicator              | has red and green LEDs, when b     | oth connected yellow    | is produced.    |
|  |                                    |                         |                 |
| Super Bright LED                       | Prominent and Recessed             | Flush                   | Forward Voltage |
| HE Red                                 | 17,000mcd                          | 2,000mcd                | 2.2V            |
| Green                                  | 11,000mcd                          | 680mcd                  | 3.5V            |
| Yellow                                 | 4,000mcd                           | 350mcd                  | 2.3V            |
| Blue                                   | 2,500mcd                           | 250mcd                  | 3.3V            |
| White                                  | 4,400mcd                           | 250mcd                  | 3.3V            |
| Orange                                 | 2800mcd                            | 300mcd                  | 2.1V            |
| Hyper Bright LED                       | Prominent and Recessed             | Flush                   | Forward Voltage |
| HE Red                                 | 2,800mcd                           | 800mcd                  | 2.1V            |
| Green                                  | 2,200mcd                           | 250mcd                  | 3.2V            |
| Yellow                                 | 1,300mcd                           | 250mcd                  | 2.0V            |
| Orange                                 | 850mcd                             | 200mcd                  | 2.1V            |
| Luminous                               | intensity will be reduced with low | wer operating current   |                 |



## Indicators

#### PROMINENT BEZEL

