

### **ENGLISH**

Datasheet

RS Pro Flush Indicator Panel Mount, 16mm Mounting Hole Size, Yellow LED, Solder Tab Termination, 10 mm Lamp Size, 230 V ac RS Stock No: 206-283



#### **Product Details**

RS Pro flush indicator with 16 mm mounting hole, features yellow 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 10 mm and offers faston, solder lug termination. It has a voltage rating of 230 V ac. The indicator has a wide operating temperature range of -40 to +85°C, further increasing the potential applications they may be used for. The 10 mm LED requires a 16 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

- 16 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.



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| Specifications:      |                    |  |
|----------------------|--------------------|--|
| Bezel Colour         | Black Chrome       |  |
| Bezel Style          | Flush              |  |
| Current Rating       | 3 mA               |  |
| Intensity            | 4 mcd              |  |
| IP Rating            | IP67               |  |
| Lamp Size            | 10 mm              |  |
| Lamp Type            | LED                |  |
| Length               | 35.6 mm            |  |
| Light Output Colour  | Yellow             |  |
| Mounting Hole Size   | 16 mm              |  |
| Termination Type     | Faston, Solder Lug |  |
| Туре                 | Panel Mount        |  |
| Voltage Rating       | 230 V ac           |  |
| Temperature Rating   | -40 to +85°C       |  |
| Type of Illumination | Fixed Light        |  |
| LED Colour           | Yellow             |  |

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#### **TECHNICAL SPECIFICATIONS**

| Voltage          | Operating Voltage | <b>Operating Current</b> |  |
|------------------|-------------------|--------------------------|--|
|                  | (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 19,00 [ 0,748 ] AF 2,40 [ 0,094 ] Ø 16.00 +0.15/-0.0 PANEL CUTOUT

M16 x 1,0 THREAD

| 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                         | 10/10mcd                  | 2.0V/2.2V       |
| Tri-color (Typical) (Red/Green/Yellow) | 60/50/50mcd                      | 15/30/30mcd               | 2.0V/2.2V/2.1V  |
| Bi-color - The colo                    | r is changed by reversing the po | plarity of the supply vol | Itage.          |
| Tri-color - The indicator h            | nas red and green LEDs, when b   | oth connected yellow      | is produced.    |
|  |                                  |                           |                 |
| Super Bright LED                       | Prominent and Recessed           | Flush                     | Forward Voltage |
| HE Red                                 | 17,000mcd                        | 2000mcd                   | 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                                 | 2,800mcd                         | 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 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.

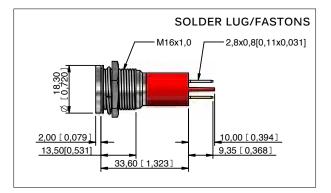
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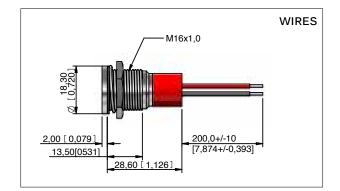
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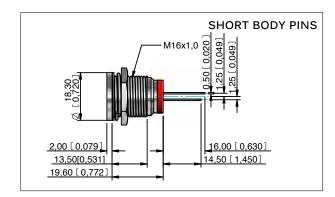


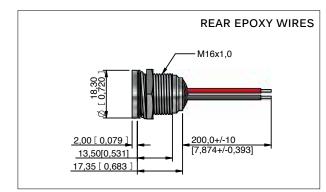
#### **Technical Drawings**

#### FLUSH BEZEL

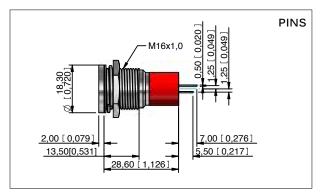


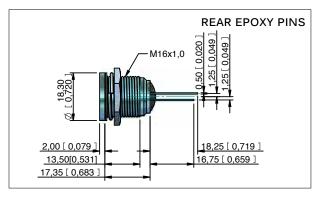


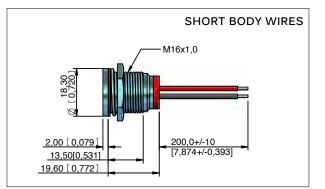




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