

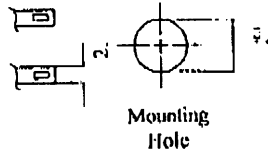
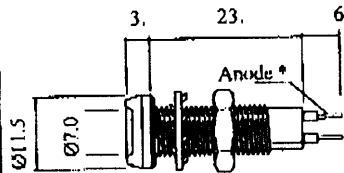


Making Light Work For You!

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**Industrial Panel Mounting LED Indicator**

**Ø8.1mm Mounting Hole**



Dimensions in mm (Typical)  
Not to Scale

\* Red Sleeve Denotes  
Anode Termination

- High Intensity, Sunlight Readable LEDs
- Range of Colours & Voltages available
- Fully potted internally to protect from vibration, shock and water ingress
- Brass body for safe use in hazardous areas
- Sealed to IP66

**507 / 508 Series**

Mean Time Between Failure 90,000 Hours

Operating Temperature Range: -20 to +60°C  
Storage Temperature Range: -30 to +85°C

Order Code : **507 - 501 - 04**

**Series Options :**

**507 - Coloured Diffused Lens**  
**508 - Smoked Lens**

**LED Options : Code - LED Colour / Intensity @ 20 mA**

**501 - Red 660nm 2750 mcd**  
**521 - Yellow 590nm 4800 mcd**  
**532 - Green 525nm 6000 mcd**  
**930 - Blue 470nm 2000 mcd**  
**997 - White \* 4000 mcd**

**Voltage Options : Code - Voltage / Current**

**04 - 20mA**  
**20 - 5/6 Vdc @ 15/20mA**  
**21 - 12 Vdc @ 20mA**  
**22 - 24 Vdc @ 20mA**  
**23 - 28 Vdc @ 20mA**  
**24 - 48 Vdc @ 14mA**

Intensity figures are typical and apply to discrete LED  
Package power dissipation (max) 700mW

**Materials :**

Body and Nut: Bright Nickel Plated Brass  
Lens: Polycarbonate  
Termination: Silver Plated Brass 2.8mm Flat Tags  
Panel Seal: Fluoroelastomer  
Lockwasher: Zinc Plated Steel  
Encapsulation: Alumina Filled Epoxy

**Technical Information:**

Panel Cutout: 8.1mm  
Min. Mounting Centres: x,y = 14.5mm  
Min/Max Panel Thickness: 1.5-13.0mm  
Mounting Torque: 0.65Nm  
Max. Reverse Voltage: 3Vdc (20mA versions)  
IP Rating: 66

\* Typical emission colour: x=0.31, y=0.32  
Colour temperature 8000K  
Intensities (Iv) and colour shades of white (x,y coordinates) may vary between LEDs within a

**Marl International Limited Ulverston, Cumbria. LA12 7RY England**

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The company's services are recognised to the Internationally recognised quality standard BS EN ISO9001 : 1994

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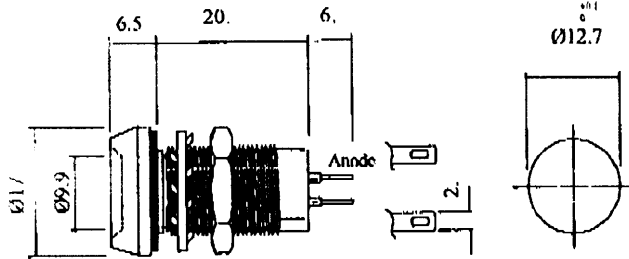


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**Industrial Panel Indicator**

**Ø 12.7mm Mounting**



Dimensions in mm (typical)  
Not to Scale

Anode Indicated by Red Sleeve

- Nickel Plated Brass Body Finish
- Five High Intensity Colours
- Flying Lead Terminations available
- Voltage range up to 230Vac
- Panel Sealing in excess of IP66
- Robust termination tags accept push-on connectors

**512 SERIES**

Mean Time Between Failure 100,000 Hours

Operating Temperature Range: -20 to +60°C

Storage Temperature Range: -30 to +85°C

Order Code : **512 - 501 - 21**

**Series Options :**

- 511 - Coloured Diffused Lens
- 512 - Smoked Lens

**LED Options :**

Code - LED Colour / Intensity @ 20 mA

- 501 - Red 660nm 2750 mcd
- 521 - Yellow 590nm 4800 mcd
- 532 - Green 525nm 6000 mcd
- 930 - Blue 470nm 2000 mcd
- 997 - White \* 4000 mcd

Intensity figures are typical and apply to discrete LED (non flat-topped) Package power dissipation (max)

**Voltage Options :**

Code - Voltage / Current

- 21 - 12Vdc @ 20mA
- 22 - 24Vdc @ 20mA
- 23 - 28Vdc @ 20mA
- 24 - 48Vdc @ 20mA
- 75 - 110Vac @ 9mA \*
- 76 - 230Vac @ 4mA \*

\* Insulated Connectors must be used at these voltages.

**Materials :**

Body and Nut: Bright Nickel Plated Brass  
Lens: Polycarbonate  
Termination: Silver Plated Brass 2.8mm Flat Tags  
Panel Seal: Fluoroelastomer  
Lockwasher: Zinc Plated Steel

**Technical Information :**

Panel Cutout: 12.7mm  
Min. Mounting Centres: x,y = 19.5mm  
Min/Max Panel Thickness: 1.5-8.0mm  
Mounting Torque: 1.0Nm  
Max. Reverse Voltage: 1000Vdc  
IP Rating: 66

\* Typical emission colour: x=0.31, y=0.32  
Colour temperature 8000K  
Intensities (Iv) and colour shades of white (x, y co-ordinates) may vary between LEDs within a batch

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