

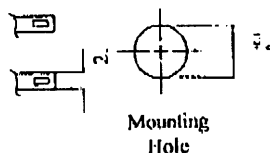
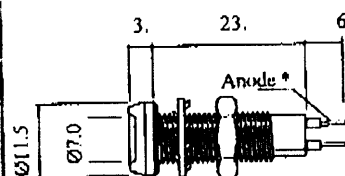


Making Light Work For You!

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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

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

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

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 co-ordinates) may vary between LEDs within a

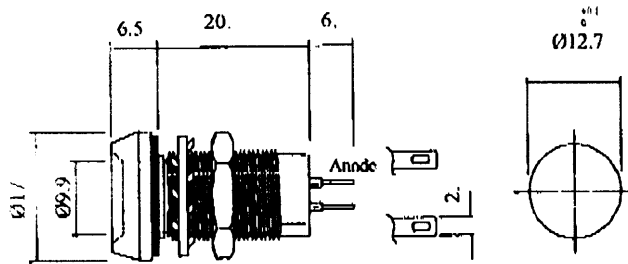
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The company's services are recognised to the internationally recognised quality standard BS EN ISO9001 : 1994

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MARL*Making Light Work For You!**Making Light Work For You!***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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