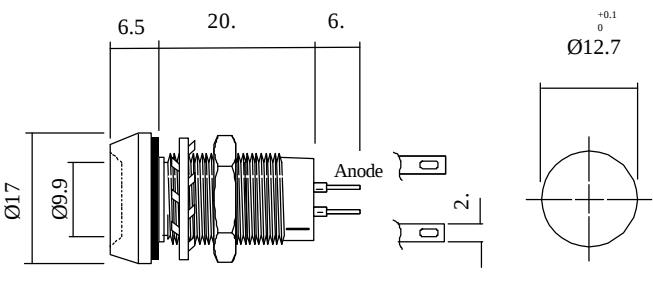


Industrial Panel Indicator		Ø 12.7mm Mounting									
 Dimensions in mm (typical) Not to Scale Anode Indicated by Red Sleeve		- Nickel Plated Brass Body Finish - Five High Intensity Colours - Flying Lead Terminations available - Voltage range up to 230Vac - Panel Sealing in excess of IP66 - Robust termination 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 <table border="1"> <thead> <tr> <th>Series Options :</th><th>LED Options : Code – LED Colour / Intensity @ 20 mA</th><th>Voltage Options : Code – Voltage / Current</th></tr> </thead> <tbody> <tr> <td>511 – Coloured Diffused Lens</td><td>501 – Red 660nm 2750 mcd 521 – Yellow 590nm 4800 mcd 532 – Green 525nm 6000 mcd 930 – Blue 470nm 2000 mcd 997 – White * 4000 mcd</td><td>21 – 12Vdc @ 20mA 22 – 24Vdc @ 20mA 23 – 28Vdc @ 20mA 24 – 48Vdc @ 20mA 75 – 110Vac @ 9mA * 76 – 230Vac @ 4mA *</td></tr> <tr> <td>512 – Smoked Lens</td><td>Intensity figures are typical and apply to discrete LED (non flat-topped) Package power dissipation (max)</td><td>* Insulated Connectors must be used at these voltages.</td></tr> </tbody> </table>			Series Options :	LED Options : Code – LED Colour / Intensity @ 20 mA	Voltage Options : Code – Voltage / Current	511 – Coloured Diffused Lens	501 – Red 660nm 2750 mcd 521 – Yellow 590nm 4800 mcd 532 – Green 525nm 6000 mcd 930 – Blue 470nm 2000 mcd 997 – White * 4000 mcd	21 – 12Vdc @ 20mA 22 – 24Vdc @ 20mA 23 – 28Vdc @ 20mA 24 – 48Vdc @ 20mA 75 – 110Vac @ 9mA * 76 – 230Vac @ 4mA *	512 – Smoked Lens	Intensity figures are typical and apply to discrete LED (non flat-topped) Package power dissipation (max)	* Insulated Connectors must be used at these voltages.
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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											
Marl International Limited Ulverston, Cumbria. LA12 7RY England Tel : + 44 (0) 1229 582430 Fax : + 44 (0) 1229 585155 E-mail : sales@marl.co.uk Website : www.marl.co.uk											

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

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