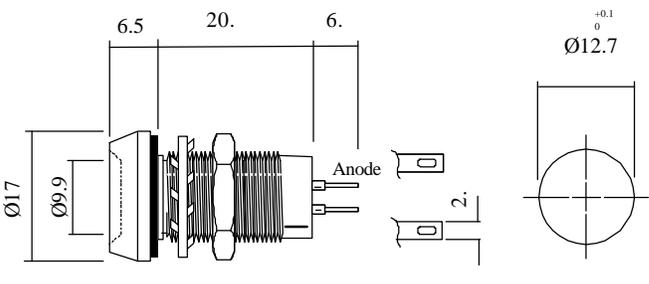


Making Light Work For You!

Industrial Panel Indicator	Ø 12.7mm Mounting																							
 <p style="font-size: small;">Dimensions in mm (typical) Not to Scale</p> <p style="font-size: small;">Anode Indicated by Red Sleeve</p>	<ul style="list-style-type: none"> 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																								
<p>Mean Time Between Failure 100,000 Hours</p> <p style="text-align: right;">Operating Temperature Range: -20 to +60°C Storage Temperature Range: -30 to +85°C</p> <p style="text-align: center; font-size: large; font-weight: bold; color: red;">Order Code : 512 – 501 – 21</p>																								
<p>Series Options :</p> <p>511 – Coloured Diffused Lens</p> <p>512 – Smoked Lens</p>	<p>LED Options : Code – LED Colour / Intensity @ 20 mA</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">501 – Red 660nm</td> <td style="width: 50%; text-align: right;">2750 mcd</td> </tr> <tr> <td>521 – Yellow 590nm</td> <td style="text-align: right;">4800 mcd</td> </tr> <tr> <td>532 – Green 525nm</td> <td style="text-align: right;">6000 mcd</td> </tr> <tr> <td>930 – Blue 470nm</td> <td style="text-align: right;">2000 mcd</td> </tr> <tr> <td>997 – White *</td> <td style="text-align: right;">4000 mcd</td> </tr> </table> <p style="font-size: x-small;">Intensity figures are typical and apply to discrete LED (non flat-topped) Package power dissipation (max)</p>	501 – Red 660nm	2750 mcd	521 – Yellow 590nm	4800 mcd	532 – Green 525nm	6000 mcd	930 – Blue 470nm	2000 mcd	997 – White *	4000 mcd	<p>Voltage Options : Code – Voltage / Current</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">21 – 12Vdc @ 20mA</td> <td style="width: 50%;"></td> </tr> <tr> <td>22 – 24Vdc @ 20mA</td> <td></td> </tr> <tr> <td>23 – 28Vdc @ 20mA</td> <td></td> </tr> <tr> <td>24 – 48Vdc @ 20mA</td> <td></td> </tr> <tr> <td>75 – 110Vac @ 9mA *</td> <td></td> </tr> <tr> <td>76 – 230Vac @ 4mA *</td> <td></td> </tr> </table> <p style="font-size: x-small; color: red;">* Insulated Connectors must be used at these voltages.</p>	21 – 12Vdc @ 20mA		22 – 24Vdc @ 20mA		23 – 28Vdc @ 20mA		24 – 48Vdc @ 20mA		75 – 110Vac @ 9mA *		76 – 230Vac @ 4mA *	
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76 – 230Vac @ 4mA *																								
<p>Materials :</p> <p>Body and Nut: Bright Nickel Plated Brass Lens: Polycarbonate Termination: Silver Plated Brass 2.8mm Flat Tags Panel Seal: Fluoroelastomer Lockwasher: Zinc Plated Steel</p>	<p>Technical Information :</p> <p>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</p>	<p style="font-size: x-small;">* 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</p>																						
<p>Marl International Limited Ulverston, Cumbria. LA12 7RY England</p> <p>Tel : + 44 (0) 1229 582430 Fax : + 44 (0) 1229 585155</p> <p>E-mail : sales@marl.co.uk Website : www.marl.co.uk</p>																								

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

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