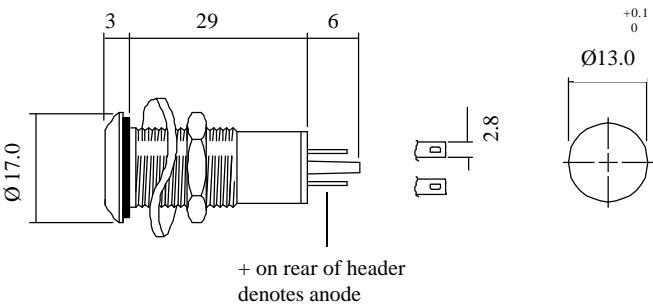


New Product Information

Professional LED Indicator	Ø 13mm Mounting																							
 <p style="text-align: center;">+ on rear of header denotes anode</p> <p>Dimensions in mm (typical) Not to Scale</p>	<ul style="list-style-type: none"> • Robust stainless steel housing for operation in harsh environments • Flying Lead Options available • Low Profile Styling • Ingress Protection to IP67 • Sunlight Visible • Ideal for Medical and Catering Applications 																							
528 Series																								
Mean Time Between Failure 100,000 Hours	Operating Temperature Range: -40 to +60 °C Storage Temperature Range: -50 to +100 °C																							
Order Code : 528 – 501 – 22																								
Series Options : 528	LED Options : Code – LED Colour / Intensity @ 20 mA <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: small;">Intensity figures are typical and apply to discrete LED (non flat-topped) Package power dissipation (max) 825mW</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	Voltage Options : Code – Voltage / Current <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">21 – 12 Vdc @ 20mA</td> <td style="width: 50%;"></td> </tr> <tr> <td>22 – 24 Vdc @ 20mA</td> <td></td> </tr> <tr> <td>23 – 28 Vdc @ 17mA</td> <td></td> </tr> <tr> <td>24 – 48 Vdc @ 10mA</td> <td></td> </tr> <tr> <td>75 – 110 Vac @ 7mA</td> <td></td> </tr> <tr> <td>76 – 230 Vac @ 3mA</td> <td></td> </tr> </table>	21 – 12 Vdc @ 20mA		22 – 24 Vdc @ 20mA		23 – 28 Vdc @ 17mA		24 – 48 Vdc @ 10mA		75 – 110 Vac @ 7mA		76 – 230 Vac @ 3mA	
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Materials : Lock Washer: Stainless Steel Encapsulation: Alumina Filled Epoxy Termination: Silver Plated Brass Body / Nut: Stainless Steel 316 Termination Insulator: Nylon 6 Panel Washer: Viton Lens: Shatterproof Polycarbonate	Technical Information : Min. Clearance Behind Panel: 60mm Mounting Hole: Ø13.0mm Min. Mounting Centres: 26mm Min/Max Panel Thickness: 2mm/10mm Mounting Torque: 1.0Nm Max. Reverse Voltage: 1000 Vdc	* 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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