

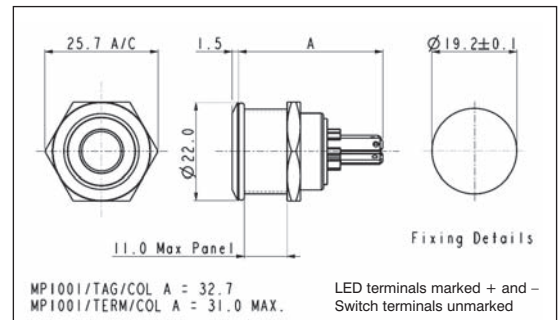
## Stainless Steel Illuminated Vandal Resistant

### FRONT PANEL MOUNTING

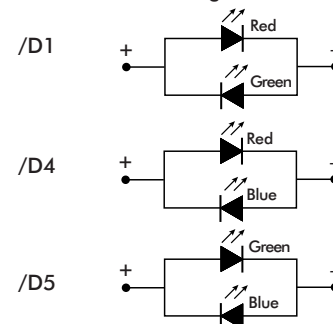


MPI001- front panel seal to IP66

- Dot illumination
- 22mm diameter
- Single pole push to make
- 50mA, 24Vdc contact rating
- Red, Green, Amber, Blue, White or dual colour illumination
- Bright daylight LEDs
- Independent LED terminals
- Front panel seal to IP66
- Integral supply resistors
- TVS protection



### Dual Colour LED Configuration



| Specification                  | MPI001/Termination/Colour/Voltage  |
|--------------------------------|--|
| Illumination style:            | Dot  |
| Terminations:                  | /28 (2.8mm tabs),<br>/TERM or /TE (screw terminals)  |
| Switching:                     | Single pole, push to make, tactile (momentary action)  |
| Max. Switch Rating:            | 50mA, 24Vdc  |
| LEDs (ratings @ 20mA)          |  |
| Part No.                       | /RD /GN /AM /BL /WH /D1 /D4 /D5  |
| Colours                        | Red Green Amber Blue White Red/Green Red/Blue Green/Blue   |
| Luminous Intensity             | 900mcd 2500mcd 900mcd 1500mcd 900mcd 2500mcd/5000mcd 2000mcd/850mcd 4000mcd/2000mcd  |
| Forward Voltage                | 1.85V 3.5V 2.3V 3.5V 3.6V 2.05V/3.6V 2.0V/3.6V 3.6V/3.6V   |
| Forward Current                | 20mA 20mA 20mA 20mA 20mA 20mA 20mA 20mA  |
| Moulding Colour                | Red Green Amber Blue White Black Black Black   |
| Illumination Voltage:          | /no suffix No resistor fitted. An appropriate resistor must be series connected by the user. Voltages as above.<br>/6 6Vdc<br>/12 12Vdc<br>/24 24Vdc |
| Contact Resistance:            | <100mΩ   |
| Insulation Resistance:         | >10 <sup>3</sup> MΩ  |
| Dielectric Strength:           | Contact to Panel >2.0kV<br>Contact to Contact 1500V  |
| Operating Temp. Range:         | -30°C to +70°C   |
| Sealing (Front of panel only): | Protection Classification: IP66 EN60529 1992   |
| Operations                     |  |
| Mechanical:                    | 750,000 (min)  |
| Electrical:                    | 35,000 (min)   |
| Operating Pressure:            | 12N  |
| Rear Nut Fixing Torque:        | 0.57Nm   |
| Materials                      |  |
| Switch assembly:               | UL94V-0 rated Polyamide (Nylon)  |
| Tags:                          | Copper Alloy   |
| Terminals:                     | Copper Alloy   |
| Switch Body & Button:          | Stainless Steel  |
| Lens and Lens Body:            | Polycarbonate  |
| O ring:                        | Nitrile  |
| Internal seal:                 | Silicone   |
| Contact Plate:                 | Gold Plated  |
| Thread size:                   | 18.97mm x 26TPI  |
|                                | ESD Handling precautions must be taken   |
|                                | Compliant  |



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[MPI001/TE/AM/24](#)