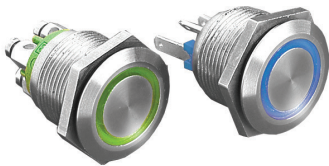
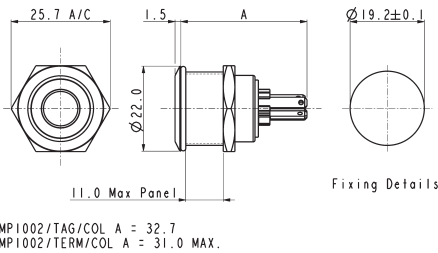


Front Panel Mounting



MPI002- front panel seal to IP66

- Ring 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



Specifications

MPI002/Termination/Colour/Voltage

Illumination style:	Ring								
Terminations:	/28 (2.8mm tabs), /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	/D6
Colours	Red	Green	Amber	Blue	White	Red/Green	Red/Blue	Green/Blue	Green/White
Luminous Intensity	900mcd	2500mcd	900mcd	1500mcd	900mcd	2500mcd/5000mcd	2000mcd/850mcd	4000mcd/2000mcd	178mcd/450mcd
Forward Voltage	1.85V	3.5V	2.3V	3.5V	3.6V	2.05V/3.6V	2.0V/3.6V	3.6V/3.6V	3.4V/3.2V
Forward Current	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA	20mA
Moulding Colour	Red	Green	Amber	Blue	White	Black	Black	Black	Black
Illumination Voltage:	/no suffix No resistor fitted. An appropriate resistor must be series connected by the user. Voltages as above.								
	/6	6Vdc							
	/12	12Vdc							
	/24	24Vdc							
Contact Resistance:	<100mΩ								
Insulation Resistance:	>10³ MΩ								
Dielectric Strength:	Contact to Panel >2.0kV Contact to Contact 1500								
Operating Temp. Range:	-30°C to +70°C								
Sealing (Front of panel only):	Protection Classification: IP66 EN60529-1:1992 + A2:2013. (Micro switch not sealed)								
Operations									
Mechanical:	750,000 (min)								
Electrical:	35,000 (min)								
Operating Pressure:	12N								
Rear Nut Fixing Torque:	0.57Nm								
Screw Terminal Torque	0.2Nm Max								
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								

Dual Colour LED Configuration

/D1

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ESD Handling precautions must be taken
Compliant

Dual Colour LED Configuration

