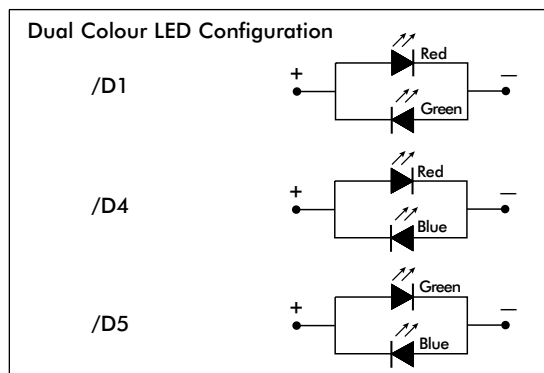
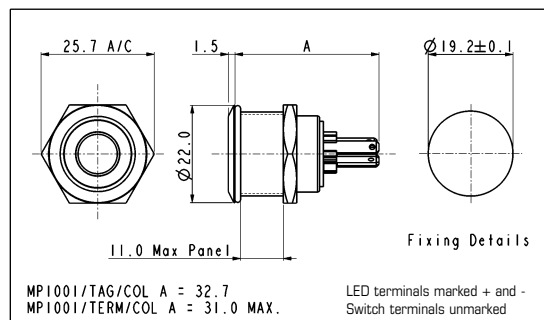


## Stainless Steel Illuminated Vandal Resistant

### FRONT PANEL MOUNTING





- Dot Illuminated
- 22mm diameter
- S.P. Push to Make
- 50mA, 24V dc contact rating
- Red, Green, Amber, Blue, White or Dual Colour Illumination
- Bright Daylight LEDs
- Separate LED Terminals



### Specification

### MPI001/Termination/Colour

Terminations:	/28 (2.8mm tabs), /Term (screw terminals)									
Switching:	S.P. Push to make, tactile									
Max. Switch Rating:	50mA, 24V d.c.									
LEDs (ratings @ 20mA)										
Colours	Red	Green	Amber	Blue	White	Red / Green	Red / Blue	Blue / Green		
Luminous Intensity	900mcd	2500mcd	900mcd	1500mcd	900mcd	2500mcd 5000mcd	2000mcd 850mcd	2000mcd 4000mcd		
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		
Part No.	/RD	/GN	/AM	/BL	/WH	/D1	/D4	/D5		
*An appropriate resistor must be series connected by the user										
Contact Resistance:	<100mΩ									
Insulation Resistance:	>10 <sup>3</sup> MΩ									
Dielectric Strength:	Contact to Panel >2.0kV 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									
	ESD Handling precautions must be taken									
	Compliant									



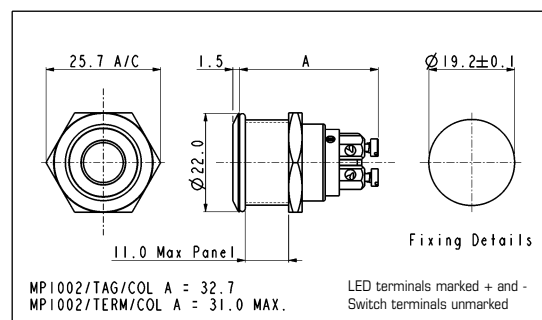
RoHS

## Stainless Steel Illuminated Vandal Resistant

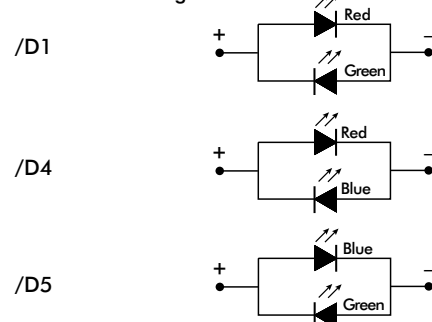
## FRONT PANEL MOUNTING



- Ring Illuminated
- 22mm diameter
- S.P. Push to Make
- 50mA, 24V dc contact rating
- Red, Green, Amber, Blue, White or Dual Colour Illumination
- Bright Daylight LEDs
- Separate LED Terminals





## Dual Colour LED Configuration



## Specification

## MPI002/Termination/Colour

Terminations:	/28 (2.8mm tabs), /Term (screw terminals)									
Switching:	S.P. Push to make, tactile									
Max. Switch Rating:	50mA, 24V d.c.									
LEDs (ratings @ 20mA)										
Colours	Red	Green	Amber	Blue	White	Red / Green	Red / Blue	Blue / Green		
Luminous Intensity	900mcd	2500mcd	900mcd	1500mcd	900mcd	2500mcd 5000mcd	2000mcd 850mcd	2000mcd 4000mcd		
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		
Part No.	/RD	/GN	/AM	/BL	/WH	/D1	/D4	/D5		
*An appropriate resistor must be series connected by the user										
Contact Resistance:	<100mΩ									
Insulation Resistance:	> 10 <sup>3</sup> MΩ.									
Dielectric Strength:	Contact to Panel >2.0kV 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									
	ESD Handling precautions must be taken									
	Compliant									



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