BULGIN

Stainless Steel Illuminated Vandal Resistant

FRONT PANEL MOUNTING

MPI001
Sealed to IP66

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


```
25.7 A/C    1.5    A        Ø19.2±0.1
Ø22.0
11.0 Max Panel              Fixing Details
MPI001/TAG/COL A = 32.7
MPI001/TERM/COL A = 31.0 MAX.
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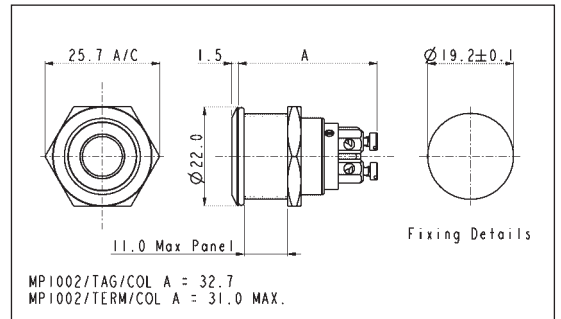
FRONT PANEL MOUNTING

MPI002
Sealed to IP66

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


```
25.7 A/C    1.5    A        Ø19.2±0.1
Ø22.0
11.0 Max Panel              Fixing Details
MPI002/TAG/COL A = 32.7
MPI002/TERM/COL A = 31.0 MAX.
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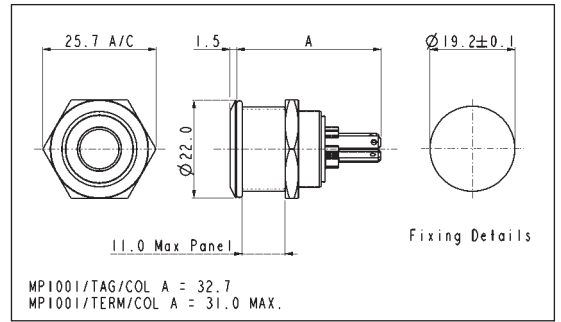
Specification	MPI001/Termination/Col	MPI002/Termination/Col	
Terminations:	/28 (2.8mm tabs), /Term (screw terminals)	/28 (2.8mm tabs), /Term (screw terminals)	
Switching:	S.P. Push to make, tactile	S.P. Push to make, tactile	
Max. Rating:	50mA, 24V d.c.	50mA, 24V d.c.	
Contact Resistance:	$<100\text{m}\Omega$	$<100\text{m}\Omega$	
Insulation Resistance:	$>10^3\,\text{M}\Omega$	$>10^3\,\text{M}\Omega$.	
Dielectric Strength:	Contact to Panel >2.0kV Contact to Contact 1500V	Contact to Panel >2.0kV Contact to Contact 1500V	
Operating Temp. Range:	−30°C to +70°C	−30°C to +70°C	
Sealing (Front of panel only):	Protection Classification: IP66 EN60529 1992	Protection Classification: IP66 EN60529 1992	
Operations Mechanical: Electrical:	750,000 (min) 35,000 (min)	750,000 (min) 35,000 (min)	
Operating Pressure:	12N	12N	
Rear Nut Fixing Torque:	0.57Nm	0.57Nm	
Materials Switch assembly: Tags: Terminals: Switch Body & Button: Lens and Lens Body: O rings: Contact Plate:	UL94V-0 rated Polyamide (Nylon) Copper Alloy Copper Alloy Stainless Steel Polycarbonate Nitrile and Silicone Gold Plated	UL94V-0 rated Polyamide (Nylon) Copper Alloy Copper Alloy Stainless Steel Polycarbonate Nitrile and Silicone Gold Plated	

LEDs (ratings @ 20mA)

	Colours	Luminous Intensity	Forward Voltage*	Part No.		Colours	Luminous Intensity	Forward Voltage*	Part No.
	Red	900mcd	1.85V	/RD		Red	900mcd	1.85V	/RD
	Green	1500mcd	3.0V	/GN		Green	1500mcd	3.0V	/GN
	Amber	220mcd	2.0V	/AM		Amber	220mcd	2.0V	/AM
	Blue	1500mcd	3.4V	/BL		Blue	1500mcd	3.4V	/BL

*A resistor must be series connected by the user

SWITCHES