## Catalogue No: 800F-1PM

#### PB 22.5mm ENCLOSURE PLASTIC 1H METRIC CONDUIT GREY

Operator Control Devices > Pushbuttons and Control Switches > Pushbuttons and Pilot Lights > Allen-Bradley 800F Pushbuttons and Pilot Lights > 800F Pushbutton Stations > 800F Empty Enclosures





#### **1 HOLE PLASTIC ENCLOSURE**

- The 800F line of 22.5 mm push buttons is designed and manufactured to demanding performance specifications to ensure you receive optimized durability and performance.
- 800FP operators are made of industrial grade thermoplastic for superior chemical resistance.
- 800FM operators are constructed of tough die cast zinc alloy, finished with chromate plating that can be used in the most arduous applications.

Representative Photo Only

(actual product may vary based on configuration selections)

Product Series 800F   Component Type Pushbutton and Pilot Lights Pushbutton Station Enclosure   Height 85 mm   Width 89 mm   Depth 58 mm   Mounting 22.5mm Mounting   Conduit Entry 1 x M20 entry   Operator Cutout(s) 1 x 22.5mm cutouts   Material, Gasket / Seal PUR / PU material   Material, Body / Housing Polycarbonate & PBT Blend material   Colour, Body / Housing Grey colour   Colour, Base Dark Grey base   Package Quantity 1 qty   Mechanical Service Life 10000000 cycles   RoHS Approved Yes   CE Marked Yes   Operating Temperature, Max 70 °C max   Operating Temperature, Min -25 °C min   Storage Temperature, Min 40 °C min   Relative Humidity, min 50 %RH   Relative Humidity, Max 95 %RH   Shock Acceleration (Max.) 10 m/s <sup>2</sup> Vibration Displacement (Peak to Peak Max.) 1.52 mm   Vibration Duration (Max.) 10 m/s <sup>2</sup> Vibration Duration (Max.) 180 min	SPECIFICATIONS	
Component Type Pushbutton and Pilot LightsPushbutton Station EnclosureHeight85 mmWidth89 mmDepth58 mmMounting22.5mm MountingConduit Entry1 x M20 entryOperator Cutout(s)1 x 22.5mm cutoutsMaterial, Gasket / SealPUR / PU materialMaterial, Body / HousingPolycarbonate & PBT Blend materialColour, Body / HousingGrey colourColour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperature, Max55 °C maxStorage Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative humidity, min50 %RHRelative humidity, Max95 %RHShock Acceleration (Max.)10 m/s <sup>2</sup> Vibration Acceleration (Max.)10 m/s <sup>2</sup> Vibration Displacement (Peak to Peak Max.)152 mmVibration Frequency, Operational (Max.)2000 Hz		
Height85 mmWidth89 mmDepth58 mmMounting22.5mm MountingConduit Entry1 x M20 entryOperator Cutout(s)1 x 22.5mm cutoutsMaterial, Gasket / SealPUR / PU materialMaterial, Body / HousingPolycarbonate & PBT Blend materialColour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative humidity, min50 %RHRelative humidity, Max95 %RHShock Acceleration (Max.)10 m/s <sup>2</sup> Vibration Acceleration (Max.)10 m/s <sup>2</sup> Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz		
Width89 mmDepth58 mmMounting22.5mm MountingConduit Entry1 x M20 entryOperator Cutout(s)1 x 22.5mm cutoutsMaterial, Gasket / SealPUR / PU materialMaterial, Body / HousingPoly corbonate & PBT Blend materialColour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life1000000 cyclesRoHs ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min40 °C minRelative humidity, min50 %RHRelative humidity, max95 %RHShock Acceleration (Max.)10 m/s²Vibration Acceleration (Max.)10 m/s²Vibration Acceleration (Max.)1000 HzVibration Frequency, Operational (Max.)2000 Hz		
Depth58 mmMounting22.5mm MountingConduit Entry1 x M20 entryOperator Cutout(s)1 x 22.5mm cutoutsMaterial, Gasket / SealPUR / PU materialMaterial, Body / HousingPolycarbonate & PBT Blend materialColour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life1000000 cyclesRoHs ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative humidity, max95 %RHShock Acceleration (Max.)10 m/s²Vibration Acceleration (Max.)1.52 mmVibration Displacement (Peak to Peak Max.)2000 HzVibration Frequency, Operational (Max.)2000 Hz	Height	85 mm
Mounting22.5mm MountingConduit Entry1 x M20 entryOperator Cutout(s)1 x 22.5mm cutoutsMaterial, Gasket / SealPUR / PU materialMaterial, Body / HousingPolycarbonate & PBT Blend materialColour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative Humidity, min50 %RHRelative Humidity, Max95 %RHShock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Acceleration (Max.)10 m/s²Vibration Frequency, Operational (Max.)2000 Hz	Width	89 mm
Conduit Entry1 x M20 entryOperator Cutout(s)1 x 22.5mm cutoutsMaterial, Gasket / SealPUR / PU materialMaterial, Body / HousingPolycarbonate & PBT Blend materialColour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life1000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)10 m/s²Vibration Acceleration (Max.)10 m/s²Vibration Frequency, Operational (Max.)2000 Hz	Depth	58 mm
Operator Cutout(s)1 x 22.5mm cutoutsMaterial, Gasket / SealPUR / PU materialMaterial, Body / HousingPolycarbonate & PBT Blend materialColour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life1000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min50 %RHRelative humidity, Max95 %RHShock Acceleration (Max.)10 m/s²Vibration Acceleration (Max.)10 m/s²Vibration Frequency, Operational (Max.)2000 Hz	Mounting	22.5mm Mounting
Material, Gasket / SealPUR / PU materialMaterial, Body / HousingPolycarbonate & PBT Blend materialColour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Min40 °C maxStorage Temperature, Min50 %RHRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)10 m/s²Vibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Conduit Entry	1 x M20 entry
Material, Body / HousingPolycarbonate & PBT Blend materialColour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life1000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Operator Cutout(s)	1 x 22.5mm cutouts
Colour, Body / HousingGrey colourColour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life1000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Material, Gasket / Seal	PUR / PU material
Colour, BaseDark Grey basePackage Quantity1 qtyMechanical Service Life10000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Material, Body / Housing	Polycarbonate & PBT Blend material
Package Quantity1 qtyMechanical Service Life1000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Colour, Body / Housing	Grey colour
Mechanical Service Life1000000 cyclesRoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-40 °C minRelative humidity, min50 %RHRelative humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)11 msVibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Colour, Base	Dark Grey base
RoHS ApprovedYesCE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Package Quantity	1 qty
CE MarkedYesOperating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Mechanical Service Life	10000000 cycles
Operating Temperature, Max70 °C maxOperating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	RoHS Approved	Yes
Operating Temperature, Min-25 °C minStorage Temperature, Max85 °C maxStorage Temperature, Min-40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	CE Marked	Yes
Storage Temperature, Max85 °C maxStorage Temperature, Min-40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Operating Temperature, Max	70 °C max
Storage Temperature, Min-40 °C minRelative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Operating Temperature, Min	-25 °C min
Relative humidity, min50 %RHRelative Humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Storage Temperature, Max	85 °C max
Relative Humidity, Max95 %RHShock Acceleration (Max.)100 gShock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Storage Temperature, Min	-40 °C min
Shock Acceleration (Max.) 100 g   Shock Duration (Max.) 11 ms   Vibration Acceleration (Max.) 10 m/s²   Vibration Displacement (Peak to Peak Max.) 1.52 mm   Vibration Frequency, Operational (Max.) 2000 Hz	Relative humidity, min	50 %RH
Shock Duration (Max.)11 msVibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Relative Humidity, Max	95 %RH
Vibration Acceleration (Max.)10 m/s²Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Shock Acceleration (Max.)	100 g
Vibration Displacement (Peak to Peak Max.)1.52 mmVibration Frequency, Operational (Max.)2000 Hz	Shock Duration (Max.)	11 ms
Vibration Frequency, Operational (Max.) 2000 Hz	Vibration Acceleration (Max.)	10 m/s <sup>2</sup>
	Vibration Displacement (Peak to Peak Max.)	1.52 mm
Vibration Duration (Max.) 180 min	Vibration Frequency, Operational (Max.)	2000 Hz
	Vibration Duration (Max.)	180 min



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