FEDERAL SIGNAL

▶ Model CP-PB

Flameproof & Hazardous Location Push Button Call Point

Federal Signal's multi-purpose Push Button Call Points are compatible with a wide range of flameproof and hazardous location applications. These models feature a UV stable, heat, impact and corrosion resistant, anti-static GRP (Glass Reinforced Polyester) housing. Call Points are ideal for both onshore and offshore applications for activating emergency equipment, audible and visual signals, or control panel notification.

Our Call Point models offer an optional dual color unique LED indicator. The dual color LED indicator displays Green when the unit is in "Normal" or standby mode, and changes to Red when the unit is in "Alarm" mode.
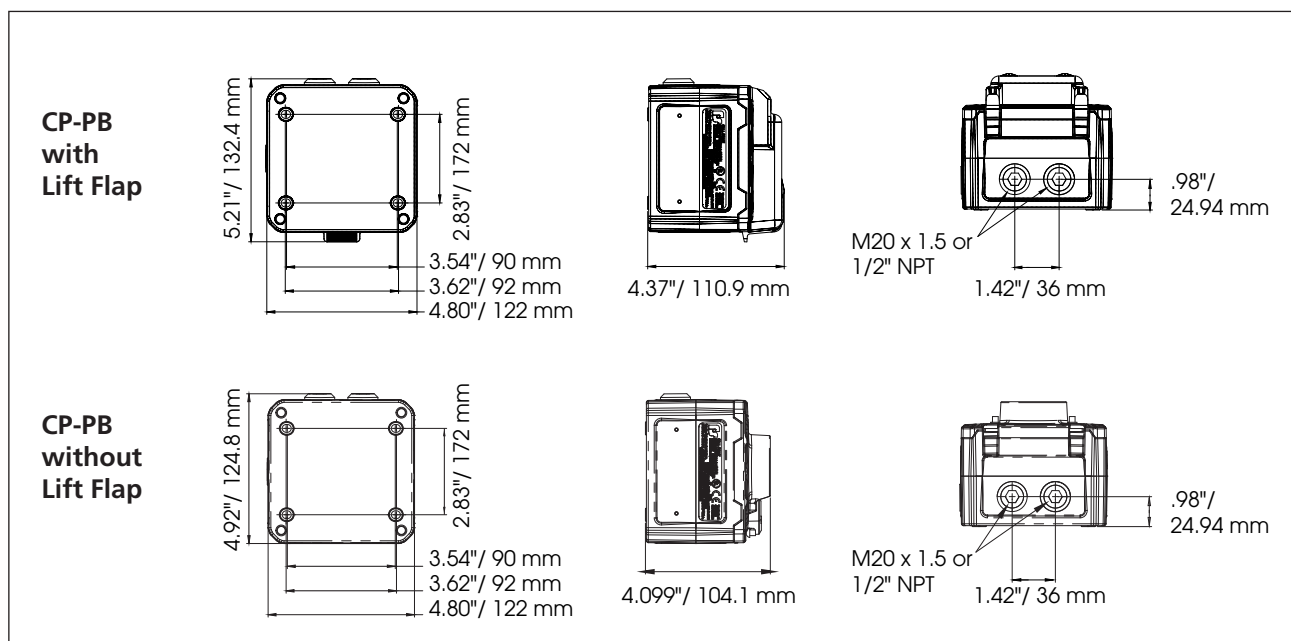
An optional clear polycarbonate lift flap converts any single step device into a two-step device to prevent accidental activation. Lift flaps are also available with four label options with instructions on how to activate the device. Additionally, the integrated tool reset key can be removed to provide a secure tamper resistant option. A variety of modular end of line resistors, series resistors and supervisory diodes are available for up to two modules per model. Modules are easily replaceable and are field installed.

Each Call Point unit comes standard with eight field-installable faceplate labels: FIRE, EVAC, BIOHAZARD, GAS, EMERGENCY, SHUTDOWN, LOCKDOWN, and evacuation logo. For harsher environments, four optional stainless steel faceplate labels are also available: FIRE, EVAC, BIOHAZARD and GAS ALARM. If the application requires a custom faceplate label, the faceplate's labelling surface will accept end-user supplied U-Line #S-19297 weather-resistant labels for laser printers.

FEATURES

- High visibility, anti-static GRP enclosure faceplate available in Red, Yellow, Blue, Green and Black
- Optional lift flap for two-step operation to prevent accidental activation
- 3 x M20 or 1/2" NPT entries: 2 top and 1 side entry with 180 degrees rotatable mounting orientation
- Integrated tool reset with removable key for tamper resistant reset
- Assembled with external 316 stainless steel hardware
- Single and dual switch activation available

- Press down cage clamp or screw down terminal block options
- Optional dual color indicator LED
- Optional field installed stainless steel faceplate labels and duty labels
- Optional modular EOL resistors, series resistors and supervisory diode
- IP66 enclosure
- IP69K Compliant
- CE compliant
- IECEx/ATEX rated, Zone 1, 21, Gas Group IIC

Flameproof & Hazardous Location Push Button Call Point (CP-PB)

CP-PB with Lift Flap

5.21"/ 132.4 mm
2.83"/ 172 mm
3.54"/ 90 mm
3.62"/ 92 mm
4.80"/ 122 mm
4.37"/ 110.9 mm
.98"/ 24.94 mm
M20 x 1.5 or 1/2" NPT
1.42"/ 36 mm

CP-PB without Lift Flap

4.92"/ 124.8 mm
2.83"/ 172 mm
3.54"/ 90 mm
3.62"/ 92 mm
4.80"/ 122 mm
4.099"/ 104.1 mm
.98"/ 24.94 mm
M20 x 1.5 or 1/2" NPT
1.42"/ 36 mm

S P E C I F I C A T I O N S

ATEX/IECEx Certification Marking: II 2 G Ex db eb mb IIC T4 Gb
Tamb = -40C° to +70°C
II 2 D Ex tb IIIC T100°C Db IP65

Ex Standards Certified to:
60079-0, 60079-1, 60079-7, 60079-18, and 60079-31

Ambient Operating: -40°C to 70°C   -40°F to 158°F
Ingress Protection: IP66
Housing Materials: GRP, Glass Reinforced Polyester
Color: Faceplate RAL3000 Red, Housing Black

Cable Entries: 2 x M20 or 1/2" NPT top or bottom reversible; 1 x M20 or 1/2" NPT side
End of the Line Resistor Values: 1kΩ – 47kΩ
Electrical Rating: 48V max.
Series Resistor Values: 1kΩ – 47kΩ
Diode Module Value: 1N5406
Net Weight: 2.08 lbs   0.9 kg
Shipping Weight: 2.88 lbs   1.3 kg

H O W   T O   O R D E R

CP	-	PB	-	M	-	R	-	L	-	FAN	-	24	-	1

MODEL	ACTIVATION	ENTRIES	COLOR	SWITCH	LIFT FLAP	INDICATOR LED[1]	CERTIFICATION
CP	**PB** Push Button	**M** M20 **N** 1/2" NPT	**R** Red **Y** Yellow **K** Black **B** Blue **G** Green	**S** Single, Clamp Terminal **D** Dual, Clamp Terminal **L** LED, Clamp Terminal[1] **1** Single, Screw Terminal **2** Dual, Screw Terminal **3** LED, Screw Terminal[1]	**NNN** No lift flap, no label **FNN** Lift flap, no label **FAN** Lift flap, activate label[2] **FFN** Lift flap, fire label[3]	**00** None **06** 6V **12** 12V **24** 24V **48** 48V	**1** ATEX/IECEx

[1] Units with Indicator LED option must use LED Switch options L or 3. Dual Switches are unavailable with LED option.
[2] TO ACTIVATE PUSH BUTTON lift flap instruction label
[3] IN CASE OF FIRE PUSH BUTTON lift flap instruction label

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