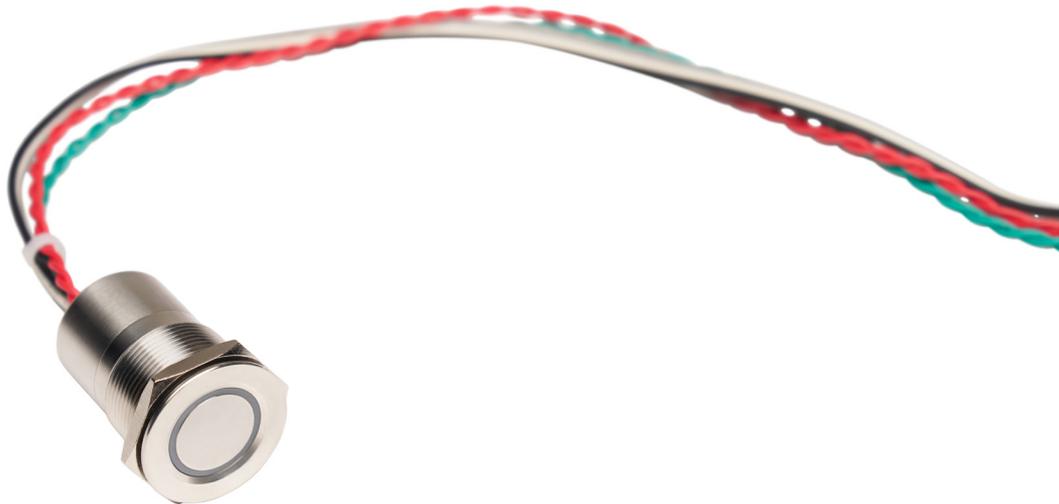# Confidea F-Box_MF_PBTN

Description

The Confidea F-Box_MF_PBTN is a multi-functional capacitive touch button with LED indication and 1.2 m cable for an easy connection to the Confidea F-Box solution.

> Simply connect the cable to the Confidea F-Box for a clean integrated solution.

The Confidea F-Box_MF_PBTN can be easily connected to the Confidea F-Box for custom panel mount applications. All you need is apply the cable to one of the six button connectors of the F-Box (BTN1, BTN2, BTN3, PRIOR BTN, NEXT BTN, MIC, BTN).

The capacitive sensing technology enhances the durability of the button as the physical contact is converted into electrical state, unlike a traditional button that contains mechanical parts. The capacitive touch button is completely sealed and protected from environmental elements such as moisture, dust, dirt, anti-vandal proof, etc.

As the button comes without screening, you can easily apply your own custom symbol to the surface.

The bi-color LED ring shows the status of the corresponding microphone (red: active, green: request).

Features & Benefits

- » Bushing diameter: Ø 22 mm
- » Sensitive touch
- » Large actuation surface: Ø 13.5 mm
- » Illuminated ring (2 colors: red and green)
- » Sealed to IP68 and IP69K (switch mounted on panel)
- » Easy-to-clean metal surface
- » Capacitive sense technology for improved durability
- » Very long life expectancy (> 50 million cycles, 1 active low momentary contact)

Accessories

The F-Box_MF_PBTN can be attached to the F-Box (**71.98.0522**) along with other Confidea F modules:

- » **71.98.0523** - Confidea F-BOX_MIC: D-MIC microphone connector + 1.2 m cable
- » **71.98.0524** - Confidea F-BOX_DL_PBTN: delegate/chairman capacitive touch button with LED indication and engraved symbol + 1.2 m cable
- » **71.98.0526** - Confidea F-BOX_BTN: multi-functional push button with LED indication and no symbol + 1.2 m cable

televic
conference

Specifications

Material

Dimension	Ø 22 mm
Case	Stainless steel
Actuating area	Stainless steel, 13.5 mm diameter
Illuminating ring	LED (no polarity / no current limiting resistors)
Cable length	1.2 m

Mechanical

Actuating force	Touch
Advised fixation torque	4 Nm (nut)
Operating life	> 50 million cycles
Size	See technical drawing
Size packed	160 x 220 mm (bag)
Weight	84,2 g
Weight packed	95 g

Electrical

Supply voltage	5 VDC, 15 mA (No internal resistors)
Switch resistance ON	20 mOhm
Switch resistance OFF	> 10 MOhm)
Closing impulse duration	Momentary Output low during button touch
LED consumption	20 mA max.

Environmental

Operating temperature	32°F - 113°F / 0°C - 45°C
Storage and transport temperature	-4°F - 140°F / -20°C - 60°C
Humidity	25% - 85%
Sealing	IP68 per IEC 60529 IP69K per DIN 40050-9 (swtich mounted on panel)

Technical Drawings