

# Model UBG-PS Conventional Manual Fire Alarm Pull Station

# PROTECTWELL

## General

The model UBG-PS is a cost-effective, conventional manual fire alarm pull station. It was designed to meet multiple applications with the installer and end-user in mind. The model UBG-PS feature as a single-action by it's PUSH IN/PULL DOWN handle latches

The UBG-PS conventional manual fire alarm pull station provides an alarm initiating input signal to conventional fire alarm control panels (FACPs) and to addressable monitored input modules. Its innovative design, durable construction, and multiple mounting options make the UBG-PS conventional manual pull station simple to install, maintain, and operate.

## Features and Operation :

- Aesthetically pleasing, highly visible design and color.
- Attractive contoured shape and light textured finish.
- Meets ADA 5 lb. maximum pull-force.
- Meets UL 38, Standard for Manually Actuated Signaling Boxes.
- Easily operated (single- or dual-action, model dependent), yet designed to prevent false alarms when bumped, shaken, or jarred.
- PUSH IN/PULL DOWN handle latches in the down position to clearly indicate the station has been operated.
- The word "ACTIVATED" appears on top of the handle in bright yellow, further indicating operation of the station.
- Pushing in and then pulling down on the handle activates the normally-open alarm switch. Once latched in the down position, the word "ACTIVATED" appears at the top, with a portion of the handle protruding at the bottom as a visible flag.
- Resetting the pull station is simple : Insert the key, twist one quarter-turn, then open the pull station's front cover, causing the spring loaded operation handle to return to it's original position.
- The alarm switch can then be reset to it's normal (non-alarm) position manually (by hand) or by closing the pull station's front cover, which automatically resets the switch.
- Cover, back plate and operation handle are all molded of durable polycarbonate material.
- Cover features white lettering and trim.
- UBG-PS pull station provide a texture finger-hold area that includes Braille text.



## Loop Design and Wiring

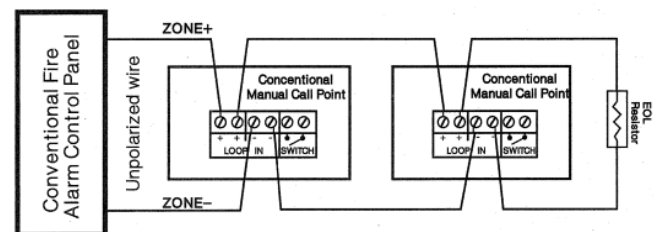
The fire alarm control panel zone wire can be connected to terminal loop (+), loop (-) unpolarized wire.

If the manual pull station is in the end of the zone wire, a 5.6K ohm end of line resistor should be connected to terminal loop (+) and loop (-)

## Specifications :

Operating voltage range	: 9 ~ 28 VDC volts
Alarm current	: 45 mA @ 24VDC
Operating humidity range	: 10% to 93% RH, non-condensing
Operating temperature	: -10°C to 50°C (14°F to 122°F)
Dimensions	: 140mm (L) x 105mm (W) x 45mm (D)
Weight	: 220g net weight

Figure 1. Install and wiring diagram:



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