



by Honeywell

M46-L Series

Description

The Gamewell-FCI M46-L Series is a cost-effective, feature-packed series of non-coded manual fire alarm pull stations. It was designed to meet multiple applications used by the installer and end-user. The M46-L Series features a variety of models including single- and dual-action versions.

The M46-L Series provides conventional Fire Alarm Control Panels (FACPs), such as the Flex 400 Series with an alarm initiating input signal. Its innovative design, durable construction, and multiple mounting options make the M46-L Series simple to install, maintain, and operate.

Operation

The M46-L manual pull stations provide a textured finger-hold area that includes Braille text. In addition, the terms PUSH-IN and PULL-DOWN are labeled on the station handle, and down arrows are engraved to show the direction to operate the station handle.

To activate the normally open alarm switch, push-in and then pull down on the handle. When the handle is latched in the down position, the word "ACTIVATED," appears in bright yellow at the top of the handle.

To reset the station, do the following:

1. Insert the key or hex (model dependent).
2. Twist clockwise, one quarter-turn.
3. Open the station's front cover, causing the spring-loaded operation handle to return to its original position.
4. To reset the alarm switch to normal (non-alarm), manually position or close the station's front cover. The switch is automatically reset.

Construction

- Cover, backplate and operation handle are all molded of durable polycarbonate material.
- Cover features white lettering and trim.
- Red color matches System Sensor's popular SpectrAlert® Horn/Strobe Series.

SpectrAlert® is a trademark of Honeywell International Inc.

UL® is a registered trademark of Underwriter's Laboratories Inc.

Lexan® is a registered trademark of GE Plastics, a subsidiary of General Electric Company.

Conventional Fire Alarm Pull Stations



M46-L Series

Features

- Compact, aesthetic design, highly visible color, attractive contoured shape, and light textured finish.
- Meets with ADA 5 lb. maximum pull force.
- Complies with UL® Standard 38, for manually actuated signaling boxes.
- Easily operated (single- or dual-action), 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 was operated.
- The word, "Activated," appears in bright yellow on top of the handle, indicating the station was operated, and the operation of the station
- Operation handle engraved with white, down arrows to show the direction to pull the handle.
- Braille text imprinted on the finger-hold area of the operation handle and across the top of the handle
- Multiple hex- and key-lock models available
- U.S. patent pending hex-lock needs only a quarter-turn to lock/unlock
- Station can be opened for inspection & maintenance without initiating an alarm
- Product ID label is visible when opening the cover; label is made of a durable long-life material
- The terms, "Normal" and "Activated," are molded into the plastic adjacent to the alarm switch (located inside)

An ISO 9000-2000 Company



GAMEWELL-FCI

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Engineer's Specifications

Manual Fire Alarm Stations shall be non-code, with a key- or hex-operated reset lock in order that they may be tested, and so designed that after actual emergency operation, they cannot be restored to normal except by use of a key or hex. An operated station shall automatically condition itself so as to be visually detected as activated.

Manual stations shall be constructed of red colored LEXAN® (or polycarbonate equivalent) with clearly visible operating instructions provided on the cover. The word, FIRE, shall appear on the front of the stations in white letters, 1.00 inches (2.54 cm) or larger. Stations shall be suitable for the following:

- surface mounting on matching backbox SB-I/O
- semi-flush mounting on a standard single-gang, double-gang, or 4.0" (10.16 cm) square electrical box.

The stations shall be installed in compliance with the Americans with Disabilities Act (ADA) or per national and local requirements. Manual stations shall be Listed with Underwriters' Laboratories.

Specifications

Electrical Specifications:

Switch

Contact Ratings: Gold-plated,
rated 0.25 A @ 30 VAC or VDC.

Auxiliary

Contact Circuit: (Terminals 3 & 4, NBG-12LA):
rated to 3.0 @ 30 VAC or VDC.

Physical Specifications:

Model	Dimensions
M46-L	5.5" H x 4.12" W x 1.4" D (13.97 H x 10.47 W x 3.5 D cm)
SB-10	5.5" H x 4.3" W x 1.4" D (13.97 H x 10.47 W x 3.5 D cm)
WP-10	6" H x 4.7" W x 2" D (15.24 H x 11.9 W x 5.08 cm)

Features (Continued)

- Four-position terminal strip molded into backplate.
- Terminal strip includes Phillips combination-head captive 8/32 screws for easy connection to Initiating Device Circuit (IDC).
- Terminal screws backed-out at factory and shipped ready to accept field wiring (up to 12 AWG/3.25 mm²).
- Switch contacts are normally open.
- Can be surface-mounted (with SB-I/O) or semi-flush mounted. Semi-flush mount to a standard single-gang, double-gang, or 4" (10.16 cm) square electrical box.
- Backplate is large enough to overlap a single-gang backbox cutout by 1/2" (1.27 cm).
- Optional trim ring (BG-TR).
- Models packaged in attractive, clear plastic (PVC), clamshell-style, packages. Packaging includes a cut-away dust/paint cover in shape of pull station.

Ordering Information

Part Number	Description
M46-SL	Manual pull station, single with key.
M46-DL	Manual pull station, dual with key.
M46-OL	Manual pull station, on door with key, no backbox.
M46-OLB	Manual pull station, on door with key and backbox.
SB-IO	Surface backbox.

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