



by Honeywell

PRELIMINARY

MS-95, MS95-T

Description

The Gamewell-FCI MS-95/MS-95T Addressable Manual Pull Station is a non-coded, single-action, manual pull station with a key-lock reset feature. Its rugged toggle switch design offers exceptional resistance to accidental alarms caused by a sudden vibration or shock. The MS-95 can be used for surface and semi-flush installations. It is compatible with the following Gamewell-FCI addressable fire alarm control panels (FACPs).

- 600 Series, IdentiFlex 602
- E3 Series®, ILI95-E3 Series
- S3 Series, SLC95-PM

The MS-95/MS-95T are approved to UL® Standard 38 for manual pull stations that comply with the architectural requirements in all building interiors, and is readily accessible in a fire emergency. In addition, the pull stations meet the following American with Disabilities Act (ADA), AG Controls and Operating Mechanisms Guidelines (Section 4.1.3).

- 5 lb. (2 kg.) maximum pull force.
- Mounting installation height of 4 ft. (1.2m), (42" (106.48 cm) min. to 48" (121.92 cm) max. off the center).

Operations

To activate the manual pull station, press the lever (marked, "PUSH") inward. Then, pull the handle (marked, "PULL") downward until the handle locks into place. After the handle is pulled, this lever locks-in the alarm position and remains there until it is manually reset.

To reset the alarm lever and release the front cover of the pull station, insert and turn the key on the front of the pull station. This action unlocks the front cover and lowers the cover. After the front cover is lowered, the toggle switch is reset.

An optional breakglass rod may be used with all pull stations. The self-clearing design prevents jamming of the station and there is no danger to the operator from broken particles of glass. Space is provided within the station housing for storage of an additional replacement glass rod.

The MS-95 connects directly to the analog addressable circuit via two wires. The electronic circuitry has been designed to transmit data that can be interpreted as the following three output operations:

- normal standby operation
- alarm operation
- trouble operation

In its standby mode of operation, the pull station's circuit monitors the switch for alarm conditions. A trouble condition occurs when the pull station is addressed by the control panel and either reports back a trouble response or does not respond at all. With the standard priority interrupt feature, the MS-95 will report its condition instantly to the Gamewell-FCI FACP.

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Addressable Manual Pull Station



MS-95/MS-95T

Features

- Complies with UL® Standard 38
- Meets ADA AG Controls and Operating Mechanisms Guidelines requirements for a 5 lb. pull force and complies with the 4 ft. (1.2m) mounting height
- Compatible with the following Gamewell-FCI, addressable fire alarm control panels (FACP):
 - 600 Series, IdentiFlex 602
 - E3 Series®, ILI95-E3 Series
 - S3 Series, SLC95-PM
- Constructed of durable die-cast metal
- Designed for use as a compact unit that blends with the interior
- Contains a recessed pull lever that prevents accidental operation
- Includes a key reset option
- Used for surface or semi-flush installations
- Shows a visible status LED
- Provides field programming
- Offers both wire and terminal block, single action options
- Available in the terminal block model (MS-95T)

SIGNALING



LISTED
S281



7300-1703:0136



GAMEWELL-FCI

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CS-2053 Rev. D page 1 of 2

Programming

To program the MS-95 manual pull station to the address switch settings, set the address DIP switch on the device's printed circuit board. All other programming is accomplished at the fire alarm control panel.

Engineer's Specifications

The analog addressable manual pull station shall contain the electronic interface circuitry required for individual device identification, alarm reporting and trouble supervision. It shall communicate to the main control panel via the analog addressable circuit. The single-action station shall consist of a die-cast aluminum housing fitted with a pull out lever which, when operated, locks in position after activating an alarm initiating contact.

Specifications

Standby Current:	0.0008 A (0.8 mA)
Alarm Current:	0.0015 A (1.5 mA)
Operating Temperature:	32°F to 120°F (0°C to 49°C)
Relative Humidity:	93%, non-condensing
Power:	24 VDC
Material:	Die-cast aluminum
Finish:	Fire alarm red, smooth gloss enamel. Raised cast letters are high-lighted. Target background for pull lever is white glossed enamel
Dimensions:	
MS-95:	4.75" H x 3.25" W x 1 1/8" D (from the backplate) (10.79 H x 8.25 W x 2.99 D cm)
MS-95T:	4.75" H x 3.25" W x 1 1/8" D (from the backplate) (10.79 H x 8.25 W x 2.99 cm)
MS-95 with key reset option:	6.25" H x 3.25" W x 2.0" D (from backplate) with Cat 60 Key (15.88 H x 8.25 W x 5.08 D cm)
Surface Backbox P/N: 28762:	4.625" H x 3.25" W 2.375" D tapped for 3/4" (1.9 cm) conduit (11.75 H x 8.25 W x 6.03 D cm)
Surface Backbox P/N: 71961:	6.25" H x 3.0" W x 3.25" D (15.88 H x 7.6 W x 8.25 D cm)

Ordering Information

Part Number	Description
MS-95	Analog addressable manual pull station
MS-95T	Analog addressable manual pull station with terminals
30653	Double action option
30653-01	Key reset option
30653-02	Key reset/double action option
27060	Breakglass rod
28762	Surface backbox
50397G	Weather proof gasket for MS-95 station
72198	NYC manual station backplate with 1" (2.54 cm) white stripe
71961	Backbox, surface for key reset options

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