

by Honeywell

## Description

The Gamewell-FCI MS-95 is an easily recognized manual pull station with the distinctive bulls-eye design compatible with the Gamewell-FCI addressable 600 Series and ILI95-E3 Series®, Fire Alarm Control Panels (FACPs). The MS-95 is approved to UL Standard 38 for manual stations, meets architectural requirements in all building interiors, and is readily noticed in a fire emergency. The addressable MS-95 manual pull station with a rugged toggle switch design offers exceptional resistance to accidental alarms caused by vibration and sudden shock. The MS-95 can be used for surface and semi-flush installations.

## Operations

The manual pull station is activated by pulling forward on the readily identified bulls-eye alarm lever labeled, "PULL" in distinctive white letters. Once pulled, this lever locks in the alarm position and remains there until manually reset.

To reset the alarm lever, the front cover of the pull station is released by turning the screw on the top of the cover or turning the key (on certain models). This unlocks the front cover which is then lowered. Once the front cover is lowered, the toggle switch is reset.

An optional breakglass rod may be used with all 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 three (3) output operations:

- normal standby operation
- alarm operation
- trouble operation

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## Addressable Manual Pull Station Alarm



MS-95

## Features

- Compatible with the Gamewell-FCI, 600 Series and ILI95-E3 Series analog addressable control panels
- Field programmable
- Durable construction
- Compact design, blends with surroundings
- Recessed pull lever prevents accidental operation
- Surface or semi-flush installation
- Double action option
- Key reset option
- Meets ADA requirements
- Visible status LED
- Terminal block model available (MS-95T)

SIGNALING



S281



7300-1703:0136

## Operations (Continued)

In its standby mode of operation, the pull station's circuit monitor 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 virtually instantaneously to the Gamewell-FCI FACP.

## Programming

Programming of the MS-95 manual station address is accomplished by setting a single DIP switch easily accessible on the device's printed circuit board. All other programming is accomplished at the FACP.

## 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

<b>Standby Current:</b>	0.0008 A (0.8 mA)
<b>Alarm Current:</b>	0.0015 A (1.5 mA)
<b>Operating</b>	
<b>Temperature:</b>	32°F to 120°F (0°C to 49°C)
<b>Relative Humidity:</b>	93%, non-condensing
<b>Power:</b>	24 VDC
<b>Material:</b>	Die-cast aluminum
<b>Finish:</b>	Fire alarm red, smooth gloss enamel. Raised cast letters are highlighted. Target background for pull lever is white glossed enamel
<b>Dimensions MS-95:</b>	4.625" high x 3.25" wide x 2.0" depth (11.75 H x 8.25 W x 5.08 D cm) (from the backplate)
<b>MS-95T:</b>	4.625" high x 3.25" wide x 1.625" depth (11.75 H x 8.25 W x 4.13 cm) (from the backplate)
<b>MS-95 with key reset option:</b>	6.25" high x 3.25" wide x 2.0" depth (15.88 H x 8.25 W x 5.08 D cm) (from backplate) with Cat 60 Key
<b>Surface Backbox P/N 28762:</b>	
	4.625" high x 3.25" wide x 2.375" depth (11.75 H x 8.25 W x 6.03 D cm) tapped for 3/4" (1.9 cm) conduit

## Specifications

<b>Surface Backbox 71961:</b>	6.25" high x 3.0" wide x 3.25" depth (15.88 H x 7.6 W x 8.25 D cm)
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## Ordering Information

### Part Number Description

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

### GAMEWELL-FCI