Non-Coded Conventional Manual

Fire Alarm Pull Stations

NBG 12 Series

General

The NOTIFIER **NBG-12 Series** is a cost-effective, feature packed series of non-coded manual fire alarm pull stations. It was designed to meet multiple applications with the installer and end-user in mind. The NBG-12 Series features a variety of models including single- and dual-action versions. The NBG-12 Series provides an alarm initiating input signal to conventional fire alarm control panels (FACPs) such as the SFP Series, and to XP Transponders. Its innovative design, durable construction, and multiple mounting options make the NBG-12 Series simple to install, maintain, and operate.

Features

• 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.

• Operation handle features white arrows showing basic operation direction for non-English-speaking persons.

• Braille text included on finger-hold area of operation handle and across top of handle.

• Multiple hex- and key-lock models available.

• U.S. patented hex-lock needs only a quarter-turn to lock/unlock.

• Station can be opened for inspection and maintenance without initiating an alarm.

• Product ID label viewable by simply opening the cover; label is made of a durable long-life material.

• The words "NORMAL" and "ACTIVATED" are molded into the plastic adjacent to the alarm switch (located inside).

• 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/3.1 mm²).

• Terminal numbers are molded into the backplate, eliminating the need for labels.

• Switch contacts are normally open.

• Can be surface-mounted (with SB-10 or SB-I/O) or semiflush 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 (BG12TR).

• Spanish versions (FUEGO) available (NBG-12LSP, NBG12LPSP).

• Designed to replace the legacy NBG-10 Series.

• Models packaged in attractive, clear plastic (PVC), clamshell-style, Point-of-Purchase packages. Packaging includes a cutaway dust/paint cover in shape of pull station

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® Advance horn/strobe series

Operation

The NBG-12 manual pull stations provide a textured finger-hold area that includes Braille text. In addition to PUSH IN and PULL DOWN text, there are arrows indicating how to operate the station, provided for non-English-speaking people.

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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 in bright yellow, with a portion of the handle protruding at the bottom as a visible flag. Resetting the station is simple: insert the key or hex (model dependent), twist one quarter-turn, then open the station's front cover, causing the spring-loaded operation handle to return to its original position. The alarm switch can then be reset to its normal (non-alarm) position manually (by hand) or by closing the station's front cover, which automatically resets the switch.

Specifications

PHYSICAL SPECIFICATIONS:

pull station		SB-10	SB-I/O	WBB	WP-10
H	5.500 in. (13.97cm)	5.500 in. (13.97 cm)	5.601 in. (14.23 cm)	4.25 in. (10.79 cm)	6.000 in. (15.24 cm)
W	4.121 in. (10.467 cm)	4.125 in. (10.478 cm)	4.222 in. (10.72 cm)	4.25 in. (10.79 cm)	4.690 in. (11.913 cm)
D	1.390 in. (3.531 cm)	1.375 in. (3.493 cm)	1.439 in. (3.66 cm)	1.75 in. (4.445 cm)	2.000 in. (5.08 cm)

ELECTRICAL SPECIFICATIONS:

Switch contact ratings: gold-plated; rating 0.25 A @ 30 VAC or VDC. Auxiliary contact circuit (Terminals 3 & 4, NBG-12LA): rated to 3.0 A @ 30 VAC or VDC.

ENGINEERING/ARCHITECTURAL 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 surface mounting on matching backbox SB-10 or SB-I/O; or semi-flush mounting on a standard single-gang, double-gang, or 4" (10.16 cm) square electrical box, and shall be installed within the limits defined by the Americans with Disabilities Act (ADA) or per national/local requirements. Manual Stations shall be Underwriters Laboratories listed.

NOTE: *The words "FIRE/FUEGO" on the NBG-12LSP and NBG- 12LPSP shall appear on the front of the station in white letters, approximately 3/4" (1.905 cm) high.

Pre-Signal Models

The NBG-12LPS and NBG-12LPSP pull stations are non-coded manual pull stations which provide a FACP with two normally open alarm initiating input signals. "Pre-signal" input is activated by pushing in, then pulling down, the dual-action handle. A "general" alarm input signal can be manually activated via a momentary rocker switch mounted inside the unit. This general alarm switch can only be accessed by opening the cover with the supplied key/lock. *See diagram at right.*

Agency Listings and Approvals

The listings and approvals below apply to the NBG-12 Series pull stations. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

• **C(UL)US** Listed: file S692.

• **CSFM** approved: file 7150-0028:199.

• **FM** approved (except NBG-12LPS, NBG-12LPSP).

• **MEA** approved: file 67-02-E (NBG-12, NBG-12L, NBG-12LOB, NBG-12LA).

• **Lloyd's** Register type approved: file 93/60141 (E3) (NBG-12, NBG-12L, NBG-12LA, NBG-12LOB, NBG-12S).

• **U.S.** Coast Guard approved: files 161.002/23/3 (AFP-200 with NBG-12, NBG-12L, NBG-12S); 161.002/42/1 (NFS-640 with NBG-12, NBG-12L, NBG-12S); 161.002/27/3 (AFP1010/ AM2020 with NBG-12, NBG-12L, NBG-12S).

• **Patented**: U.S. Patent No. D428,351; 6,380,846; 6,314,772;6,632,108.

Product Line Information

NBG-12S: Single-action pull station with pigtail connections,hex lock.

NBG-12: Dual-action pull station with SPST N/O switch, screw terminal connections, hex lock.

NBG-12L: Dual-action pull station with SPST N/O switch, screw terminal connections, key lock.

NBG-12LSP: Same as NBG-12L with English/Spanish (FIRE/FUEGO) labeling.

NBG-12LPS: Dual-action pull station with pre-signal option.

NBG-12LPSP: Same as NBG-12LPS with English/Spanish(FIRE/FUEGO) labeling.

NBG-12LOB: Dual-action pull station with key lock, outdoorapplications listings (NBG-12LO), and backbox. Includes SB-I/ Oindoor /outdoor backbox, and sealing gasket. Model will also mount to WP-10 weatherproof backbox in retrofit applications.

NOTE: NBG-12LO not available separately;

NBG-12LO + approved backbox = NBG-12LOB.

Outdoor applications listings apply to NBG-12LOB combination.

NBG-12LA: Dual-action pull station with key lock and annunciator contacts.

SB-10: Surface-mount backbox, metal.

SB-I/O: Surface-mount backbox, plastic. (Included with NBG-12LOB.)

BG12TR: Optional trim ring for semi-flush mounting.

WP-10: Outdoor use backbox.

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17021: Keys, set of two. (Included with key-lock pull stations.)

17007: Hex key, 9/64". (Included with hex-lock pull stations.)

NOTE: For addressable NBG-12LX models, see data sheet DN-6726.

Dimensions

1.390"
(3.531)

Wire Length
Strip Gauge

1.000"
(2.540)

0.750"
(1.905)

5.500"
(13.970)

(cm)

NBG-12LPS

PRODUCT
IDENTIFICATION
LABEL

**ROCKER
SWITCH**
*for General
Alarm
notification*

PUSH FOR
GENERAL
ALARM

NORMAL

ACTIVATED

**TOGGLE
SWITCH**
*for Pre-Signal
function*

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