ⓝ NOTIFIER®

NBG-12 Series
Non-Coded Manual Fire Alarm Pull Stations

Section: Conventional Initiating Devices

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 conventional fire alarm control panels (FACPs) such as the SGL-2000, SFP Series, XP Transponders, System 5000, and System 500 with an alarm initiating input signal. 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), 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 when the station has been operated, 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. patent pending 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).
- Switch contacts are normally open.
- Can be surface-mounted (with SB-10) 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).
- Spanish version *(FUEGO)* available (NBG-12LSP, -12LPSP).
- Designed to replace the popular NBG-10 Series.

Patented, U.S. Patent No. D428,351; 6,380,846
U.S. Patent Pending: 09/686,286

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LISTED
S692

MEA
67-02-E
(NBG-12, NBG-12L, NBG-12LOB, NBG-12LA)

California State Fire Marshal
7150-0028:199

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

◇ **FM**
APPROVED
(except NBG-12LPS, NBG-12LPSP)

Lloyd's Register
TYPE APPROVED
93/60141 (E3)
(NBG-12, -12S, -12L, -12LSP, -12LOB, -12LA)

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- Models packaged in attractive, clear plastic (PVC), clam-shell-style, Point-of-Purchase packages. Packaging includes a cut-away 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™ horn/strobe series.

ⓝ **NOTIFIER®**   12 Clintonville Road, Northford, Connecticut 06472

ISO 9001
CERTIFIED
ENGINEERING & MANUFACTURING
QUALITY SYSTEMS

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.

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. (13.97 cm)	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)

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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.

ENGINEERS' & ARCHITECTS' 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 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 -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.*

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, hex lock, screw terminal connections.

NBG-12L: Same as NBG-12 with 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, outdoor applications listings (**NBG-12LO**), and backbox. Includes **WBB** weatherproof back-box, 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: Indoor use backbox.

SB-I/O: Indoor/outdoor use backbox.

WP-10: Outdoor use backbox.

WBB: Outdoor use backbox, *included with NBG-12LOB.*

17003: Key lock.

17007: Hex lock.

__NOTE:__ For addressable NBG-12 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)
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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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