

SGX-32 Series Explosion-Proof Manual Pull Stations

*** ADA Compliant Design**



Description

The SGX-32 Series is a high-quality, die-cast metal manual alarm station, UL Listed and Factory Mutual Approved for use in hazardous locations (explosion-proof). Special SGX-32 models contain enhanced component features that allow the SGX-32 station to operate reliably within the uniquely difficult environs found in transportation tunnels. The SGX-32 is approved for use in Class I, Division I, Groups B, C and D; Class II, Division I, Groups E, F and G and Class III.

The station enclosure is approved for indoor and outdoor use, NEMA 4X applications and is Marine rated. All models in the series have been designed specifically for compliance with all applicable ADA requirements (Americans with Disabilities Act; 28 CFR Part 36). SGX-32 stations can be operated with a single hand without tight grasping, pinching or twisting of the wrist. The force required to operate the station has been tested by Underwriter's Labs for compliance with the 5 lbf pull force. When properly installed, SGX-32 Series will protrude less than 4 inches into halls, corridors, etc. no matter the height at which it is installed.

SGX-32 is available in either single (SGX-32SK2) or dual (SGX-32SK1) action configurations. Station alarm contacts are DPDT, rated 10 amps @ 125 VAC and 1 amp @ 30 VDC. The alarm contacts are gold plated for corrosion resistance. Each SGX-32 is configured with terminal connections and a key reset.

For unique hazard protection, the SGX-32 is available in custom color options; blue, yellow or green. Custom colors provide distinct station identification for use in equipment shutdown, medical aid, fire suppression actuation and similar applications. The SGX-32 may be configured with stainless steel components that provide enhanced protection when used in extreme corrosive environments. (Consult the factory for more information.)

Operation

The SGX-32 series is operated by pulling the bar marked "PULL" on the front of the station as far down as it will go. At that point, the station will lock in place and is easily visible from up to 50 feet. The activation bar is reset by opening the station with the key provided, placing the bar in the normal upright position and then relocking the station. With the dual action configuration, the bar marked "PUSH" rotates inward allowing the "PULL" bar to be grasped and operated by a single hand.

Features

- Special Hazard Protection
- Marine and NEMA 4X Ratings
- Single or Dual Action
- DPDT Alarm Contacts
- Terminal Connections
- Key Lock Reset
- Custom Color Option
- ADA Compliant
- UL Listed
- FM Approved



MEI



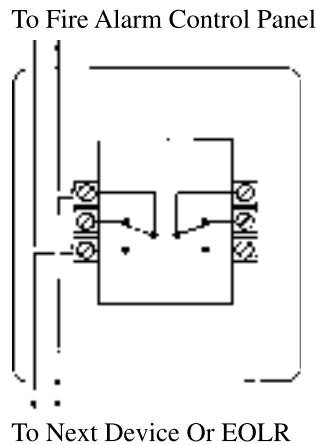
Signal Communications Corporation

Specifications

Explosion Hazard Classifications:	Class I, Division 1, Groups B, C and D Class II, Division 1, Groups E, F and G Class III
Environment Classification:	NEMA 4X (weather-proof), Marine Rated
Temperature:	- 40° to 150° F (- 40° to 66° C)
Humidity:	90% Relative Humidity at 100° F
Weight:	4.8 lbs
Dimensions:	6 5/16" H x 3 1/4" W x 3 7/8" D
Color:	Face Plate – Red with raised white lettering Push/Pull Bar – White with raised red lettering
Custom Color Options:	Blue, Yellow and Green
Alarm Contacts (DPDT) Rating:	1 amp at 30 VDC 10 amps at 125 VAC
Terminal Connects:	Up to 14 AWG
Conduit Fittings:	2
Conduit Fitting Size:	3/4" – 14 NPT

** Unused conduit entry must be sealed with a 3/4 NPT pipe plug. All joints must be sealed using pipe thread sealing compound or Teflon tape in accordance with the requirements for the particular installation. Pipe plug and joint sealant are not provided.

Wiring Diagrams



Ordering Information

SGX-32SK2
SGX-32SK1
SG-GR01

Single Action, Explosion-Proof Manual Alarm Station
Dual Action, Explosion-Proof Manual Alarm Station
Scored acrylic plastic breakrods (1 dozen to a package)

Note:

Each station is supplied with one, acrylic plastic breakrod and key.

For information about SGX-32 stations in custom colors, consult SigCom datasheet titled - SPECTRUM SERIES.

Special Orders

To purchase and apply an SGX-32 model with enhanced stainless steel components, please contact our support staff at 781-933-0998.



Signal Communications Corporation

P.O. Box 2588 Woburn, MA 01888 Tel.: 781 933 0998 Fax.: 781 933 5019

www.sigcom.com