VDOT-SGX-32 Series

EXPLOSION PROOF MANUAL PULL STATIONS

③ Description

The VDOT-SGX-32Series is a cast aluminum manual alarm pull station available in either single or dual action configurations. These explosion proof stations have a DPDT switch mounted in heavy duty cast aluminum housings, complete with screw terminals that accept #22 to 12AWG field wiring.

The solid design and rugged construction of the VDOT-SGX-32 station makes it ideal for use in harsh operating environments and hazardous locations. The VDOT-SGX-32 series of manual stationsis UL and FM listed for use in the various classifications of hazardous environments shownin the specification table. These devices have a NEMA type 4X rating foroperation in extreme weather conditions and plant washdown applications. They are also UL Marine listed for operation in highly corrosive environments.

The VDOT-SGX-32 series is available in red, yellow and blue for use in fire, hazmat,medical and weather applications. Please consult the factory for additional colors and other applications. Coloured adhesive labels are available for non-fire applications. These labels are affixed on the front of the station to indicate the particular application. Refer to the table on the back for a description of the available adhesive labels.

③ Operation

The VDOT-SGX-32SK2 single action station is operated by pulling the handle 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 VDOT-SGX-32SK1 dual action model features a “PUSH” bar that moves inward, allowing the “PULL” handle to be grasped and operated by a single hand. The activated station isreset by opening the station with a key, placing the handle in the normal upright position, and re-locking the station.



③ Features

- Explosion Hazard Classsifications
  - Class I, Div. 1, Group B, C and D
  - Class II, Div. 1, Group E, F and G
  - Class III, Div. 1 (FM)
- Marine and NEMA type 4X Rated
- DPDT switch with screw terminal connection
- Single or Dual Action
- DC and AC Voltage Contact Ratings
- Key Reset
- Special application labels and colours

NOT TO BE USED FOR INSTALLATION PURPOSES.
Velocity reserves the right to make changes at any time without notice in prices, colours, materials, components, equipment, specifications and models and also to discontinue models.

▪ Specifications

Listings	UL, FM, CSFM, MEA, UL Marine
Temperature	-400⁰ to 1500⁰F, 90% relative humidity @ 1000⁰F
Switch Type	Double Pole, Double Throw (DPDT)
Switch rating	1 Amp @ 30 VDC, 10 Amp @ 120 VAC
Explosion Hazard Classifications	Class I, Div. 1, Group B, C and D Class II, Div. 1, Group E, F and G Class III, Div. 1 (FM) NEMA Type 4X (UL, FM)
Weatherproof Classifications	UL Marine Listed
Pull Station Weight	4.8 lbs, 2.2kg
Pull Station Dimensions	6-5/16'h x 3-1/4'w x 3-7/8'd; 16.03 x 8.25 x 9.85 cm
Conduit Fittings	Two - 3/4' - 14 NPT
Standard Colour	Red with raised white letters, white 'PULL' bar and white 'PUSH' bar (Dual Action) with raised red letters.
Optional Colours	Red, Blue or Yellow

Note: All stations are suppllied with one break-rod*, one 'B' key and installation instructions. Spare break-rods available: # SG-GR01, 12 pack of scored plastic (acrylic) break-rods. *Use of the break-rod is optional; it is not required for operation.

▪ Ordering

Part Number	Description
FIRE PULL STATIONS, RED;	
VDOT-32SK1-SC	Explosion Proof Pull Station, Dual Action, DPDT - Red
VDOT-32SK2-SC	Explosion Proof Pull Station, Single Action, DPDT - Red