

# Pullswitch

BETTER BY DESIGN

## Pullswitch

### Open Conveyor Pull Cord Safety Stop Switch

#### APPLICATION

The Pullswitch is a failsafe taut wire emergency pull cord stop switch for open conveyors.

#### METHOD OF OPERATION

PVC coated steel pull wires and pigtails connect between the switches to provide easy installation and continuous emergency stop access along the length of the entire conveyor. Pullswitches can be installed at 200 ft. intervals, reducing overall system cost. Quick location of a tripped switch is provided by a standard reflector or optional flag marker, and the tripped signal can be wired back to an indicator panel or PLC. The Pullswitch's IP65 / NEMA 4, 4X, 9 rated enclosure is made from polycarbonate and stainless steel, making the housing corrosion resistant and weatherproof. A total of six independent changeover contacts inside the Pullswitch offer unique operation and control. Two independent cam operated switches with snap action mechanical operation are provided for conveyor shutdown, and four additional micro-switches signal for a slack wire alarm.

#### FEATURES

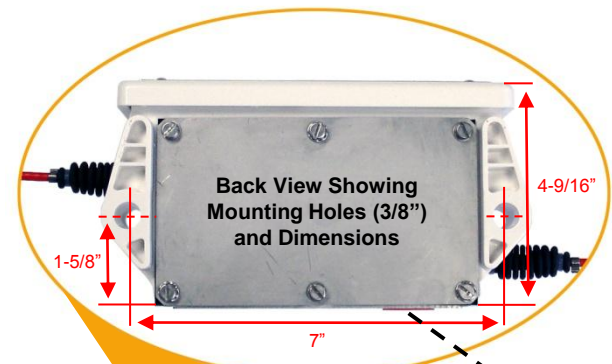
- ▶ Corrosion Resistant Weather Tight Housing
- ▶ Unique Taut Wire Failsafe System
- ▶ Reflector and/or Flag Tripped Indication
- ▶ Exclusive Double Ended Snap Action Mechanism
- ▶ CSA Class II Division 1 Groups E, F & G Approved

#### PART NUMBERS/ACCESSORIES

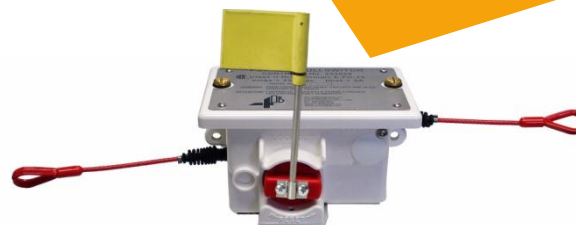
- ▶ PST1000C Pullswitch
- ▶ PTA100 Tensioner
- ▶ PDS100 D-Shackle
- ▶ PSE100 Wire Rope Thimble
- ▶ PGSC100 Wire Rope Clip
- ▶ PTPVC4 4" PVC Coated Pigtail
- ▶ PWPVCR Pull Wire (Red)
- ▶ PFK100 Flag Indicator (Optional)



ATEX Approved  
Versions Available



Conduit Entry - 1/2" NPT  
(2 Entries on Bottom)



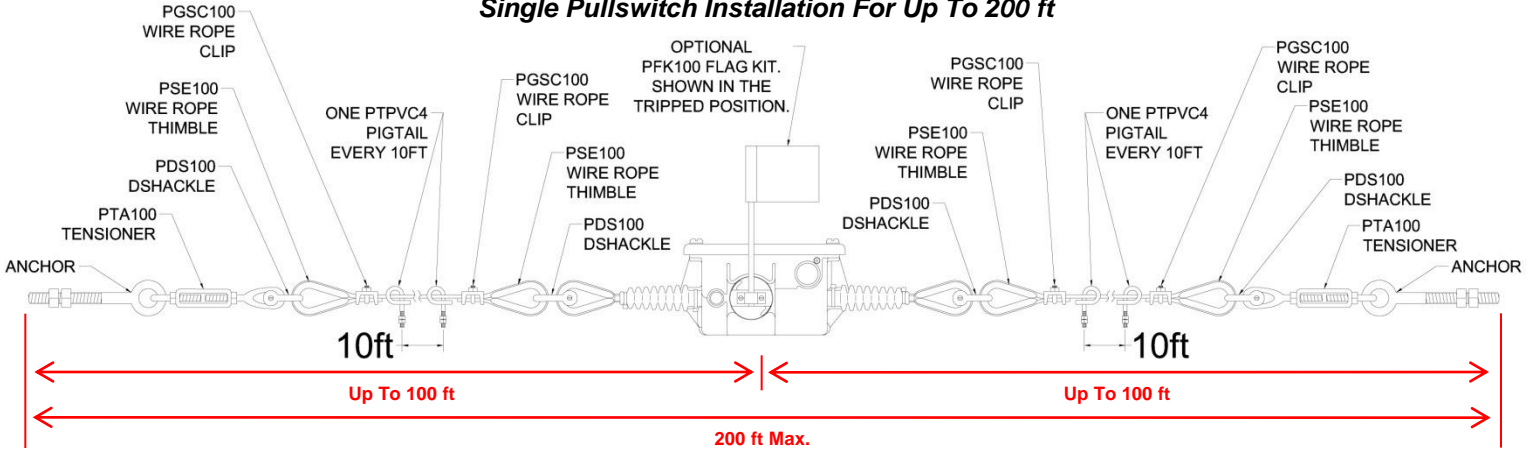
Pullswitch Shown with  
Optional Flag Indicator

# Pullswitch

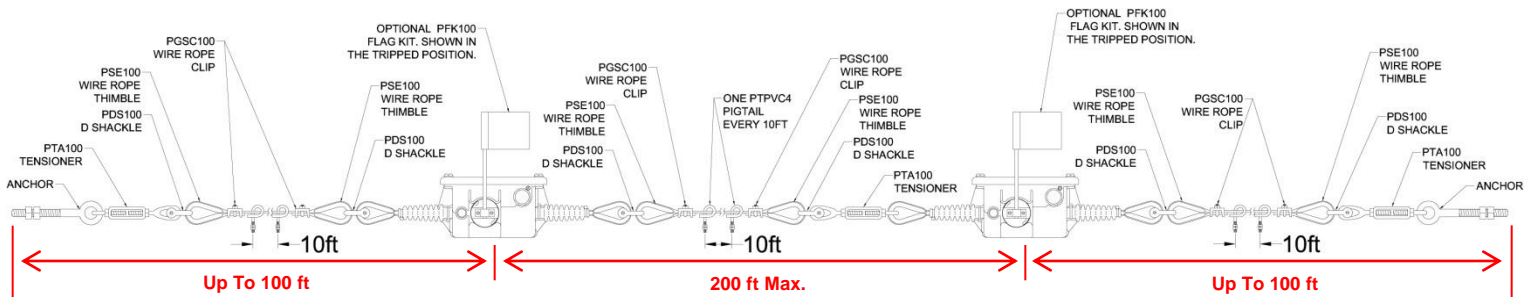
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## TYPICAL CONFIGURATIONS

### Single Pullswitch Installation For Up To 200 ft



### Multiple Pullswitch Installation Between 200 ft - 400 ft



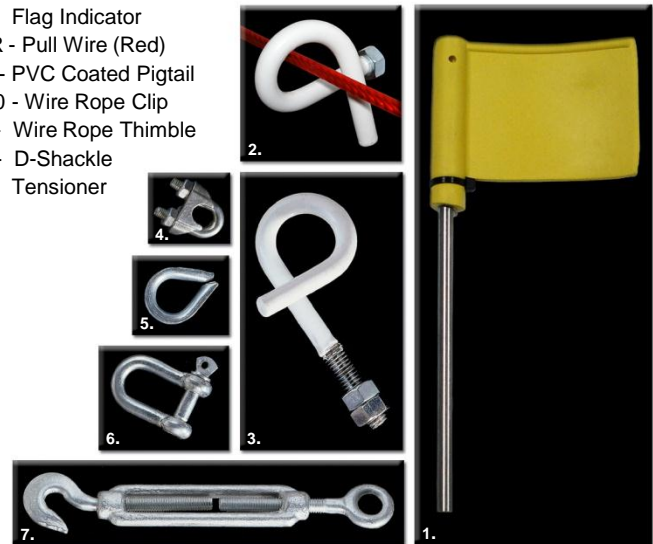
NOTE: Double Quantities Illustrated Above for Two Sided Installations.



Pullswitch Installed on Open Conveyor at Sand and Gravel Facility

## ACCESSORIES

1. PFK100 - Flag Indicator
2. PWPVCR - Pull Wire (Red)
3. PTPVC4 - PVC Coated Pigtail
4. PGSC100 - Wire Rope Clip
5. PSE100 - Wire Rope Thimble
6. PDS100 - D-Shackle
7. PTA100 - Tensioner



## TECHNICAL SPECIFICATIONS

Pullswitch - PST1000C	
<b>Enclosure:</b>	Polycarbonate and Stainless Steel Plated
<b>Weight:</b>	4 lbs (1.8 kg)
<b>Dimensions:</b>	4" x 8" x 5" (100 x 200 x 125 mm)
<b>Contacts:</b>	5 Amps (240 VAC)
<b>Conduit Entries:</b>	Two 1/2" NPT
<b>Operating Temperature:</b>	-13° F to 158° F (-25° C to 70° C)
<b>Protection:</b>	IP65 / NEMA 4, 4X, 9
<b>Approvals:</b>	CSA Class II Division 1 Groups E, F & G

Detailed specification, wiring diagrams and installation/operating instructions available upon request.

Please refer to instruction manual for correct installation. Information subject to change or correction. Aug 2011