

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 60m 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 positive break 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

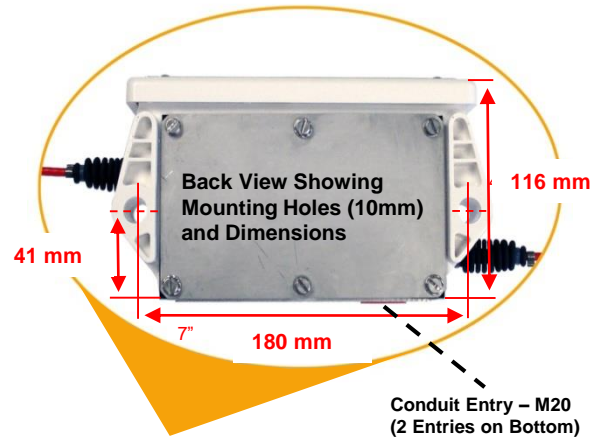
- ATEX Approved to zone 21 & 22 (PST2000A)
- CSA Class II Division 1 Groups E, F & G Approved (PST1000C)
- Corrosion Resistant Weather Tight Housing
- Unique Taut Wire Failsafe System
- Reflector and/or Flag Tripped Indication
- Exclusive Double Ended Snap Action Mechanism

PART NUMBERS/ACCESSORIES

- PST2000A Conveyor Safety Pullkey with Flag (ATEX)
- PST1000C Conveyor Safety Pullkey without Flag (CSA)
- PTA100 Tension Adjuster
- PGSC100 Grub screw collar 3/16"
- SCE100 Bulldog Grip
- PSE100 Steel Eyelet
- PDS100 D-Shackle
- PAS100 Anchor Spring (12Kg Max)
- PTPVC4 100mm PVC Coated Pigtail
- PWPVCR Pull Wire (Red)

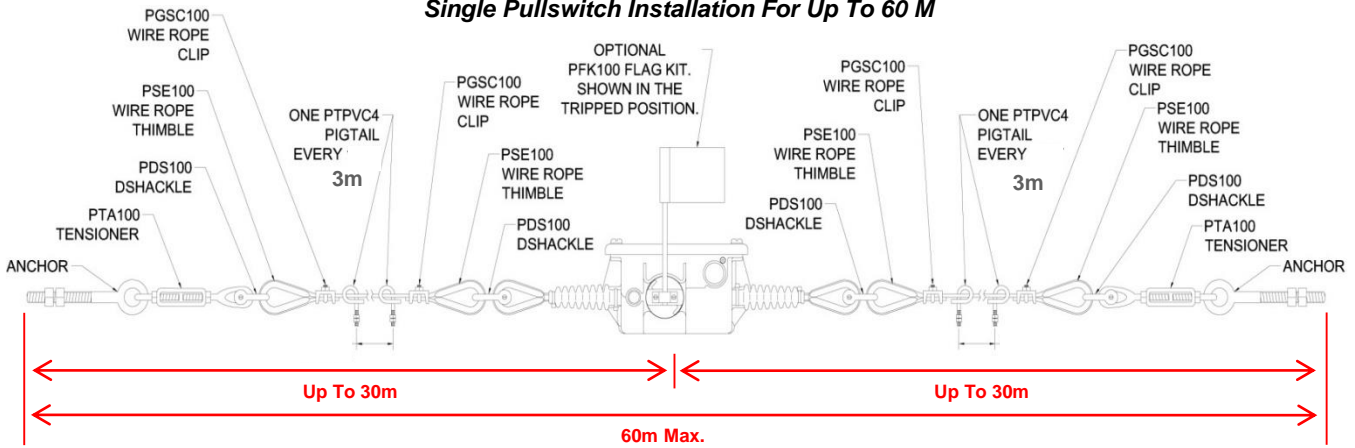


CSA Approved
Versions Available

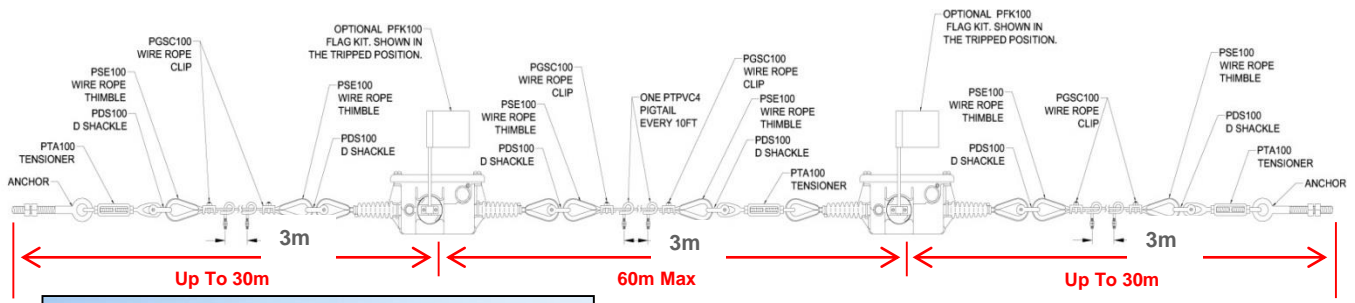


TYPICAL CONFIGURATIONS

Single Pullswitch Installation For Up To 60 M



Multiple Pullswitch Installation Between 60 M to 120 M



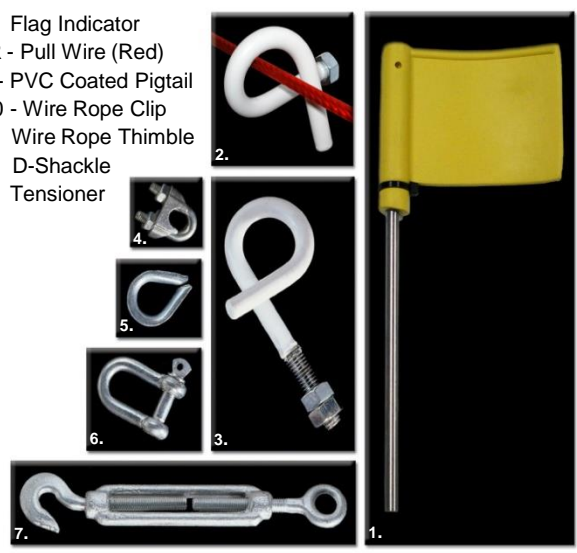
NOTE: For double sides use double quantities, Single side illustrated above



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 - PST2000A	
Enclosure:	Polycarbonate and Stainless Steel Plated
Weight:	1.8 kg (4 lbs)
Dimensions:	100 x 200 x 125 mm (4" x 8" x 5")
Contacts:	5 Amps (250 VAC)
Conduit Entries:	M20 x 2
Operating Temperature:	-25° C to 70° C (-13° F to 158° F)
Protection:	IP65
Approvals:	ATEX Ex II 1D T85°C IP65

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

September 2017