

PULL - SAFE ®



*Photograph shows optional
Signal Flag fitted.*



Made in Western Australia

IP67

CE Conformity

The  PULL - SAFE  pull wire switch complies with the requirements of AS1755-2000.

Tripping occurs under the following conditions:-

- (a) The trip wire is removed
- (b) The trip wire is overtensioned
- (c) The trip wire is activated
- (d) Manual trip via reset knob.

**The switch cannot be reset unless the trip wire is attached and correctly tensioned,
Manual reset via the external reset knob is required after a trip has occurred.**

FEATURES

- Absolute simplicity in initial setup and adjustment.
- Robust non-metallic enclosure.
- All external fixings are 316 Stainless Steel.
- Simple design ensures low maintenance.
- Stainless steel internal compression type spring.
- Pull rod 316 stainless steel.
- Pull rod has external dust protecting boot for seal protection.
- Double lip oil seal on pull rod and reset operator for secure dust and weather protection to IP 67.
- Non-metallic pull rod bushing.
- Positive drive action from cams through to switching contacts provides mechanical forcing of the trip contacts.
- Micro switches are wired to terminals for easy wiring installation.
- Cam design compensates for pull wire expansion/contraction up to 15mm either side of the set point. Eliminates nuisance tripping due to vibration.

PULL WIRE SWITCH

VARIATIONS

- Max Two S.P.D.T. Contacts.
- External signal flag.

SWITCH SETTINGS

Adjust pull wire until there is 75mm from the end of the pull rod to the switch housing.

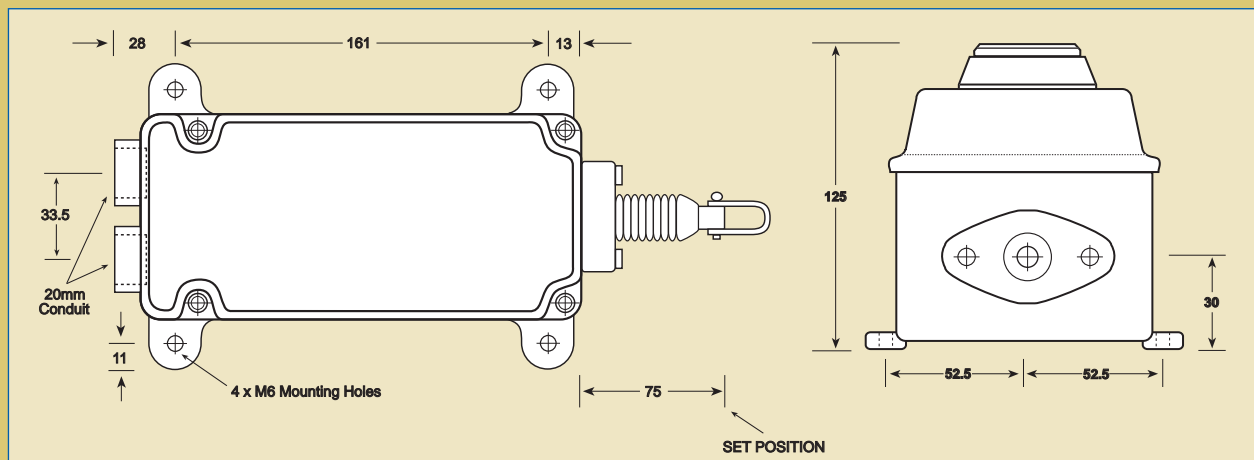
INSTALLATION

One switch mounted for every 50m of pull wire.

- Matched stainless steel compensation spring for remote end attachment.

To comply with AS1755-2000. A matched compensation spring must be fitted to the remote end of the pull wire to allow tripping in both directions.

DIMENSIONS



ORDERING DETAILS

- Standard Switch with 1 x S.P.D.T. forced open Trip Contact..... **PS-P**
- Standard Switch with 1 x S.P.D.T. forced open Trip Contact, 1 x S.P.D.T. Snap Action alarm contact..... **PS-P-2**
- Standard Switch with 1 x S.P.D.T. forced open Trip Contact, 1 x S.P.D.T. forced open alarm contact..... **PS-P-3**
- Standard Switch with 1 x S.P.D.T. forced open Trip Contact, 2 x S.P.D.T. Snap Action alarm contacts..... **PS-P-4**
- Standard Switch with 2 x S.P.D.T. forced open Trip Contact, 1 x S.P.D.T. Snap Action alarm contact..... **PS-P-5**
- Standard Switch with 2 x S.P.D.T. forced open Trip Contact, 1 x S.P.D.T. forced open alarm contact..... **PS-P-6**
- Matched S/S Compensation Spring..... **PS-60**
- External Signal Flag..... **PS-F**

ENCLOSURE SPECIFICATIONS

- High Impact PBT/PC Non Corrosive Material
- UV Stable (See Valox Specs Sheet)
- Flame Retardant ASTM:UL94 -V0 (1.6mm) Resist Splash and Spillage of Most Hydrocarbon Solvents, Mild Acids and Strong Alkali (See Valox Specs Sheet)

ELECTRICAL SPECIFICATIONS

Switch No.	Type	Voltage	Current	Mechanical Endurance	Operating Temp.
PS-P (SW1)	SPDT Forced Open Snap Action Silver Alloy Type	250v	6A	1.5 million Operating Cycle	-25°C to 85°C
PS-P-2 (SW1)					
PS-P-3 (SW1/2)					
PS-P-4 (SW1)					
PS-P-5 (SW1/2)					
PS-P-6 (SW1/2/3)					

Switch No.	Type	Voltage	Current	Mechanical Endurance	Operating Temp.
PS-P-2 (SW2)	SPDT Snap Action Silver Alloy Type	125v	5A	30 million Operations	-25°C to 85°C
PS-P-4 (SW2/3)		250v	3A		
PS-P-5 (SW3)					

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