

PULL WIRE DEVICE

**HIGH IMPACT UV STABILISED
FLAME RETARDANT
PC/PBT PLASTIC**

» Yellow trip indication flag and plastic pull wire set up gauge supplied with all devices.



**Tested to IP66/67
CE Conformity**

The PULL-SAFE Pull Wire Device has been tested to the requirements of IEC 60947-5-5 and AS4024 series.

Tripping occurs under the following conditions:-

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

The device 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 66/67.
- » UV stable, impact modified, flame retardant, PC/PBT enclosure.
- » 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.

VARIATIONS

- » Max three S.P.D.T Change-over Safety Micro Switches with Direct Opening Action in contact element form C.
- » External signal flag.

DEVICE SETTINGS

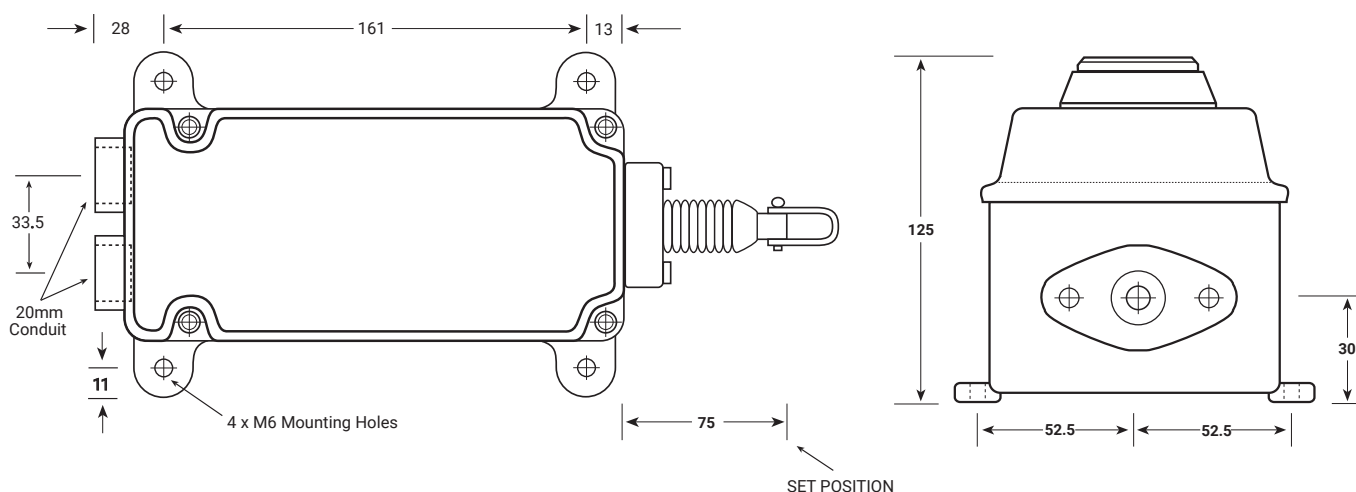
Adjust pull wire until there is 75mm from the end of the pull rod to the device housing.

INSTALLATIONS

One device mounted for every 50m of pull wire.

- » Matched stainless steel compensation springs for remote end attachment. P/N PS-60 To comply with safety critical functions AS/NZS 4024.3610 -2015 section 2.10.5 Emergency Stop. A matched compensation spring must be fitted to the remote end of the pull wire to allow tripping in both directions.

DIMENSIONS



ENCLOSURE SPECIFICATIONS

- » High Impact PC/PBT Non Corrosive Material
- » UV Stable (See RTP 2099 Spec Sheet)
- » Flame Retardant ASTM:UL94 -V0 (1.5mm) Resist Splash and Spillage of Most Hydrocarbon Solvents, Mild Acids and Strong Alkali (See RTP 2099 Specs Sheet)

ORDERING DETAILS

STANDARD DEVICE	PART NUMBER
Standard Device with 1 S.P.D.T Safety Micro Switches with Direct Opening Action	PS-P
Standard Device with 2 S.P.D.T Safety Micro Switches with Direct Opening Action	PS-P-2
Standard Device with 3 S.P.D.T Safety Micro Switches with Direct Opening Action	PS-P-3
Matched S/S Compensation Spring	PS-60
External Signal Flag	PS-F

Other variations available: Contact your distributor

ELECTRICAL SPECIFICATIONS

Device No.	Type	Voltage	Current	Mechanical Endurance	Operating Temp.
PS-P	S.P.D.T Change-over Safety Micro Switch with Direct Opening Action	250v	6A	1.5 million Operating Cycle	-25°C to 85°C
PS-P-2					
PS-P-3					

STANDARDS COMPLIANCE

AS/NZS 4024 Series AS/NZS IEC 60947.5.1:2015 AS/NZS IEC 60947.5.5:2015

IEC 60947.5.1:2016 RLV

IEC 60947-5-5:1997+AMD1:2005+AMD2:2016 CSV

WHS (Mines) Regulations 2022 part 5.1 division 2, 191