

## PVS4000 Series Vibration Sensor Relay Heavy Duty

### Monitoring vibrating screens for slowdown, stoppage, blockage or irregular vibration

Can be used with Rotech PSR4000 series speed relay or connection directly to plc, computers, data loggers, etc.

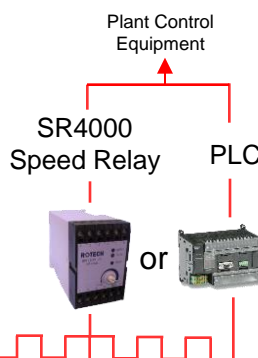
Gives a signal to stop screen drive motor and/or stop in-feed conveyor.

Tough, robust and easily installed, units are designed for long and durable service in the harshest of environments.

#### Installation Example



VS4000  
Monitor



#### For monitoring:

- Vibrating screens
- Slowdown
- Stoppage
- Irregular vibration
- Blockage
- Drive belt slip

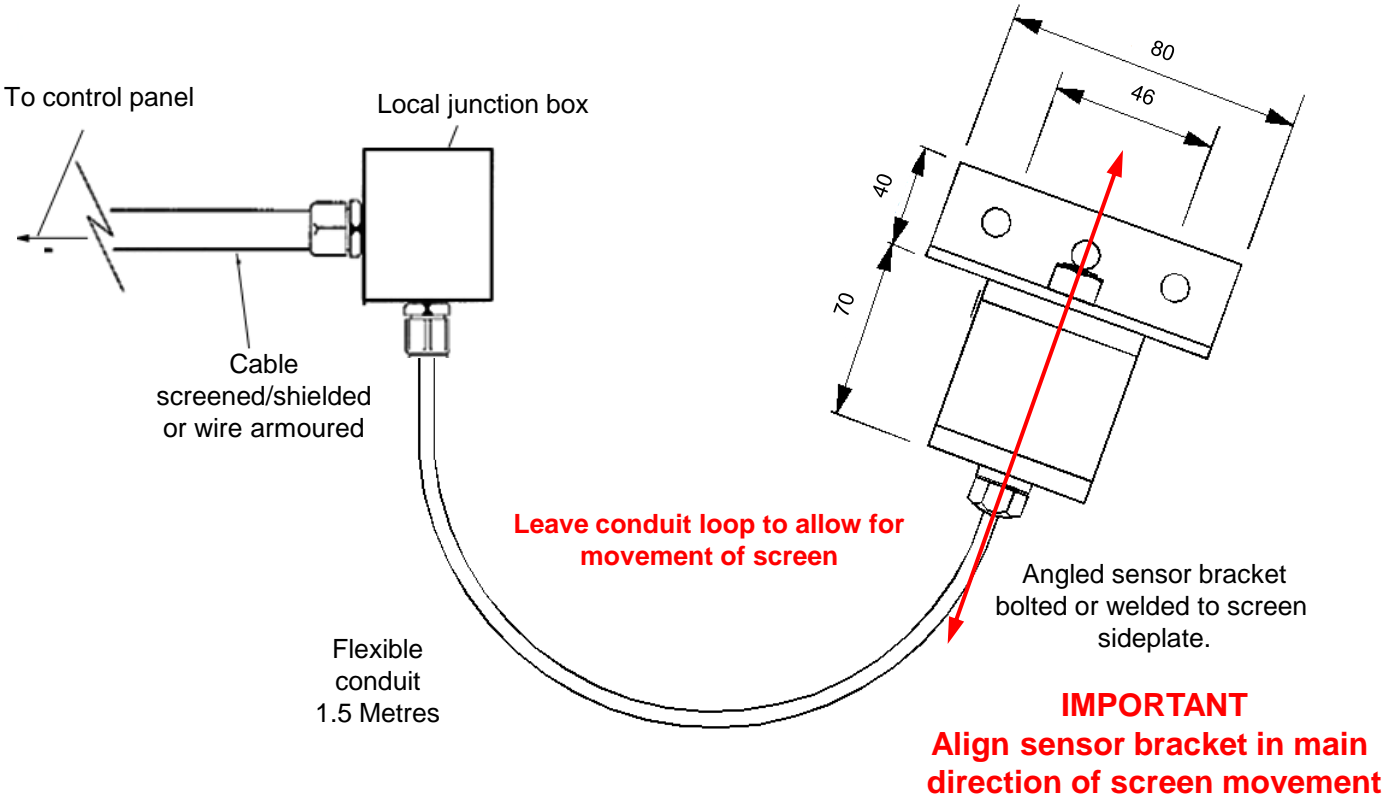
#### Features:

- Totally self contained (no guards required)
- Maintenance free for maximum Reliability
- Dc output - plc/speed relay compatible
- Environment ingress - IP67
- Up to 2000 VPM
- -25 to + 70 °C



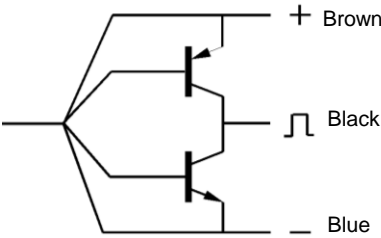
# Dimensions and Installation Information

Shown in millimetres



Environment ingress – IP67

Type E3 (N.P.N + P.N.P – 3 wire) 10-30Vdc  
Bi-polar – Current sink/source



Max frequency = 1000Hz

## Electrical connections

Supply 10 to 30 Vdc

Output type E3 (PNP + NPN)

Order Code:

PAV – 1 – E3 – HD