

PCH Line Card 2014



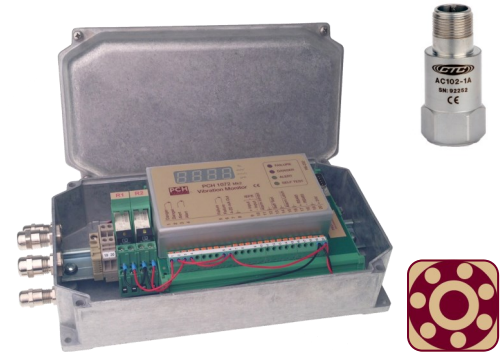
Permanent vibration monitor

Our range of 1-channel vibration monitors **PCH 1270/1275** offer easy mounting and use. Accelerometer, electronics and alarm relays are all combined in one housing. Features 4-20 mA output, adjustable alarm levels and complies to ISO 13849 as a protection device for machine protection in Product Level d (PL-d).



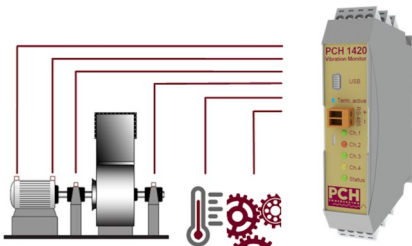
Redundant vibration monitor according to ISO 13849

For machine protection according to ISO 13849, PL-d, Cat 3, **PCH 1290** is a compact monitor with dual 4-20 mA, alarm relays and electronics. Easy mounting and one single installation cable makes this a perfect choice for permanent vibration monitoring of safety related monitoring tasks.



1-Ch Enhanced roller bearing and vibration monitoring

Defective roller bearings are often the cause for machine failures. **PCH 1073** combines vibration monitoring with roller bearing condition monitoring, using 1 single accelerometer. The vibration monitor includes 4-20 mA output, alarm relays and PC connection for offline FFT analysis and raw data recording (time waveform). A LED display shows the actual vibration level and status. Prepared for DIN rail or delivered in IP67 aluminum enclosure.



4-Ch Vibration, bearing and process monitoring

PCH 1420 offers 4 simultaneously running input channels for vibration monitoring incl. roller bearing condition monitoring as well as 2 process inputs. The vibration monitor includes 4 configurable outputs for 4-20 mA or alarm relay drivers and an isolated system failure relay according to ISO 13849. Offline FFT analyses and remote



IP67 enclosure with dial-up modem

monitoring is possible through PC connection. Using **PCH EtherBridge** as Datalogger trend data, alarms and time waveform signals can be stored locally, without the use of PC. Both Eddy Current probes, IE-PE and 3-wire API678 accelerometers are supported.

The vibration monitoring specialists

Since 1990 PCH Engineering has produced and developed vibration monitoring equipment for machine protection.

Our core employees come from Brüel & Kjaer A/S and today PCH employs more than 25 specialists in Denmark and China.

We adapt our products to OEMs and react fast to customer needs.

Our references

We work with companies like: GE Wind Energy, Alstom, GEA Processing Equipment, GEA Westfalia, Alfa Laval, Andritz, Aerzen, Siebtechnik, Atlas Copco, Howden, Hamon Group, BMA, VEM, VentiOelde, Johnson Controls, FLSmidth and many more.

