PIEZOELECTRIC VIBRATION SENSOR INCLUSIVE DISPLAY

PCE-PVS 30-DPD-U



- **Piezoelectric Vibration Sensor PCE-PVS 30:**
- **horizontal mounting**
- **Process signal output**
- **MIL-C-5015 connector**
- **M6 process connection**
- **different measuring ranges**
- **robust construction**
- **built-in panel indicator PCE-DPD-U:**
- **Front IP 65**
- **different units possible**

The piezoelectric vibration sensor inclusive display was developed for the continuous monitoring of vibration velocity. The piezoelectric vibration sensor inclusive display is available in various designs. Depending on the type of piezoelectric vibration sensor inclusive display, a distinction is made between design and measuring range. The piezoelectric vibration sensor inclusive display measures vibration velocity within a range of ± 12.7 mm/s in the frequency range between 3 Hz and 1500 kHz.

The measured vibration velocity is output as a 4 to 20 mA process current. The vibration sensor is connected to a controller or process display in a current loop via a MIL-C-5015 connector. Due to the design, the connection socket is mounted horizontally on the vibration sensor. The vibration sensor can be operated with a voltage of 12 to 24 V DC.

The panel-mounted measuring instrument is configurable as an AC and DC voltmeter (up to 600 Vac/DC) and an AC and DC ammeter (up to 5 Aac/DC). Furthermore, the panel-mounted measuring instrument displays measured values ⍰⍰of process signals (mA, VDC), thermocouples, resistive temperature sensors (Pt, Ni, PTC, and NTC), resistors, potentiometers, and frequency. The panel-mounted measuring instrument is configurable using the front-panel buttons. The panel-mounted measuring instrument is installed in a standard panel cutout size of 96 x 48 mm (1/8 DIN).

Specification

General technical data	
Protection class (device)	IP65
Dimensions (L x W x H)	199,75 x 85 x 144,5 mm

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