Kjærulf Pedersen a/s

Vibration sensor type: KPV200

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Application:

- For measuring vibration
- Predictive maintenance

Properties:

- RS485 Modbus communication
- Wide frequency range
- 0-1600Hz, 0-800Hz, 0-400Hz, 0-200Hz, 0-100Hz and 1-50Hz
- 128 Bin FFT output
- Vibration g range selectable from ±2g to ±16g
- Measures in three directions, X, Y and Z
- Ambient temperature min/max: -40/+85°C
- Build-in intelligent alarmsystem
- Plug and Play solution
- User friendly software



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ELECTRICAL SPECIFICATIONS:

Supply:

10-28 VDC

Output:

RS485 Modbus protocol.

Connection: M12

Pin1	+10-28V
Pin2	RS485A
Pin3	0V
Pin4	RS485B

FUNCTIONALITY:

The sensor is built for measuring vibrations The main components of the sensor are an accelerometer for vibration measurement and a DSP processor for data processing Data output is a 128 Bin FFT array

ENVIRONMENTAL:

Temperatures:

Temperature on electronics: -40°C to 85°C

EMC:

Emission:	Domestic, EN 61000-6-3
Immunity:	Industrial, EN 61000-6-2

Kjaerulf Pedersen a/s, Taastrupgaardsvej 8-10, DK-2630 Taastrup, Tel.: +45 39760203, Fax: +45 39760501, sensor@kp-as.com, www.kp-as.com

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