Kjærulf Pedersen a/s

Vibration sensor type: KPV100

Sheet No.



Application:

- For measuring vibration
- Predictive maintenance

Properties:

- Industrial Bluetooth 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 $\pm 2g$ to $\pm 16g$.
- 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

ELECTRICAL SPECIFICATIONS:

Supply: 10-28 VDC

Output:

Proprietary protocol on industrial Bluetooth PNP and NPN alarm signals

Connection: M12 Others on request depending on quantity

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

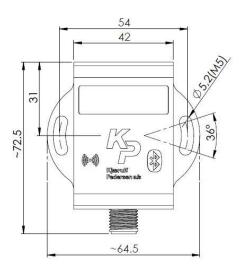
ENVIRONMENTAL:

Temperatures:

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

EMC:

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



7700-E17062020V4

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

This is provided to you as a service and for information purpose only. While we have attempted to maintain the information as accurately as possible, the page may contain errors or omissions for which we disclaim all liability.

