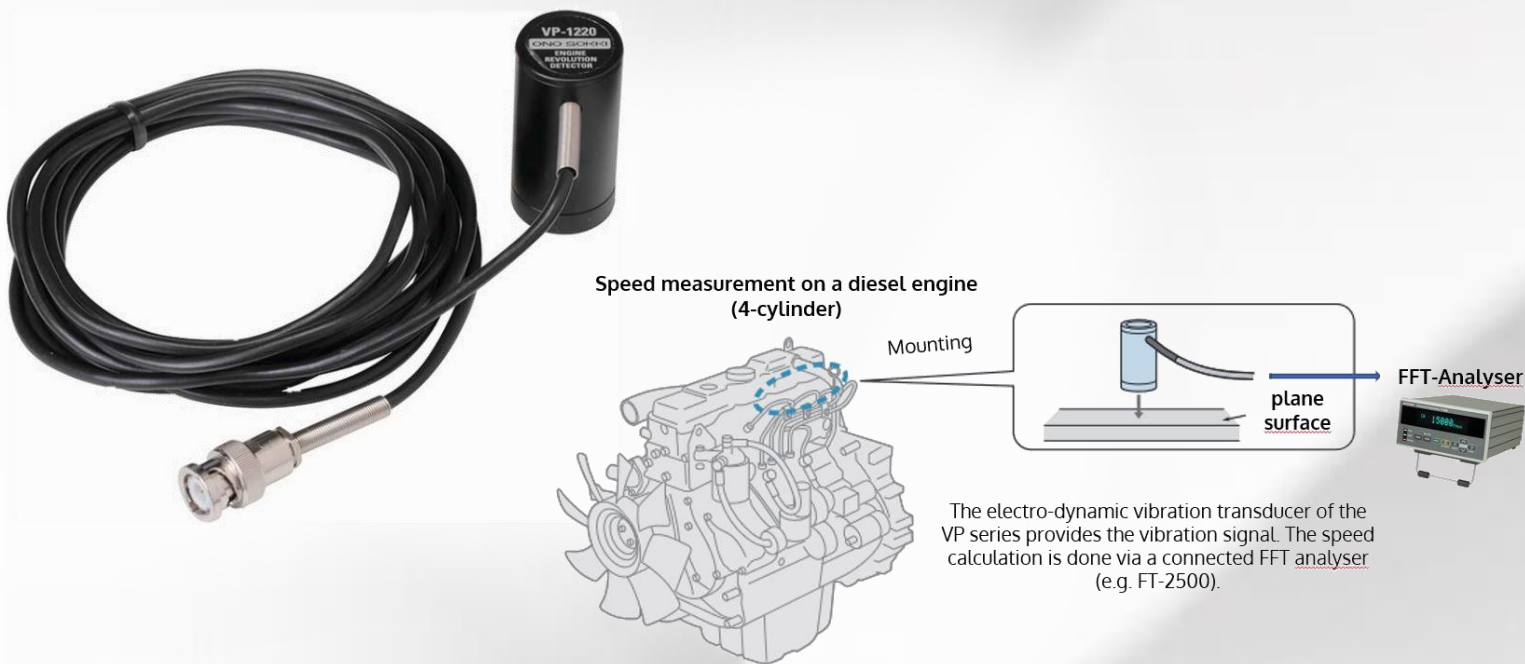


Vibrationsaufnehmer VP-201 / VP-202 / VP-1210 / VP-1220



Product description

A digital speed measuring device (tachometer) is used for the individual acquisition, display and evaluation of speed-relevant measurement signals, as well as for use in remote monitoring or an external data recorder.

(FFT) tachometers allow accurate speed calculation of rotating machines via signal evaluation from various physical signal sources, such as vibration signals.

Applications

- Internal combustion engines
- Compressors

Benefits

- Compact electro-dynamic vibration transducer with magnetic mounting for seismic measurements of vibration velocity or speed measurements on piston machines.

Features

- Compact and lightweight electro-dynamic vibration transducer for speed measurements, e.g. on 4-stroke petrol and diesel engines
- Ideal for FFT measuring devices (e.g. FT-2500; HT-6200)
- Simple vertical mounting with integrated magnetic holder
- Heat resistant up to +120°C
- Secure connection with fixed cable (2.9 m) and connector
- 4 different versions available:

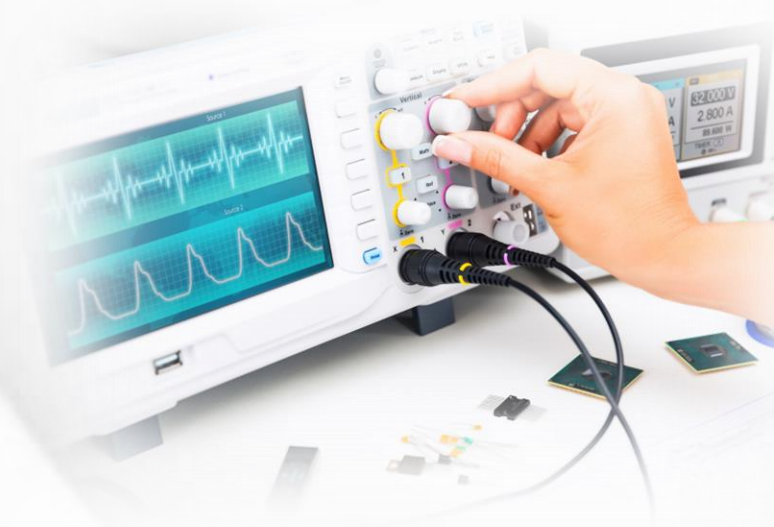
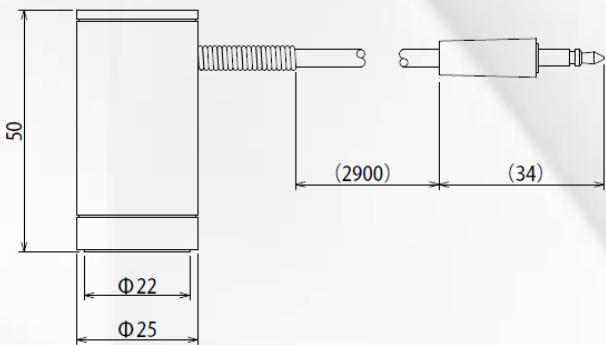
Model	Sensitivity	Connector
VP-201	2 V/(m/s)	Mini
VP-202	2 V/(m/s)	BNC
VP-1210	3 V/(m/s)	Mini
VP-1220	3 V/(m/s)	BNC



Technical data

Characteristic	Technical values
Measurement principle	electro-dynamic
Measuring direction	Vertical
Frequency range	16 Hz ... 333 Hz
Speed range	500 ...10.000 U/min
Impedance (output)	≤ 3 kΩ
Temperature range	-10°C ...120°C
Cable length	ca. 2,9 m
Weight	0,110 kg

Drawing



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