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Vibrationrecorder VIBREC500EXT

It is possible to establish a wireless connection between the VR500 recorders and a ground receiver connected to a computer at any time. With this new feature, it is possible to check the set up and correct functioning of the recorder as well as read out and refresh the data stored in the memory without the retrieval of the instrument from the line. The long autonomy of the recorders (about one year) allows long term recording and easily programmable installation and removal of the instruments.

The VR500 EXT is a special version of the VR500 WT recorder with separate displacement transducer, connected via cable to the recorder main frame. It is available for application on shield wires, small phase conductors and especially to measure on compression dead end clamps.

Picture may vary.

Specification

- Autonomy
  About 1 year (depends on ambient temperature, reading interval and sample period)
- Programmable amplitude filter
- Real-time Clock
  Built-in real-time clock allows the user's presetting of beginning and end of measurements.
- Software
  Utility software LIFE 500, for parameter set-up and data read out via PC, included. It allows evaluation and graphical presentation of data. Conductor lifetime estimation is available for VIBREC500 WT and VR500 EXT only.
- Communication
  Built-in USB interface and Wireless connection (Wireless connectivity distance up to 60 m)

For easy and safe transportation, each recorder is supplied in a high quality aluminum suitcase containing:

- VIBREC500 Recorder
- VDT, PT1 (incl. 30 m cable)
- Wireless receiver dongle
- Installation gauge
- USB Cable
- LIFE500 software
- User's manuals

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Technical Data

Article no.		125 208 025
Operating temperature	(°C)	-40 up to +80
Environment temperature	(°C)	-40 up to +80
Protection Type		IP 66 (DIN)
Weight	(kg)	0,7
Power supply		1 Lithium battery (3.6 Volt) size C
Reading interval		can be preset from 15 sec to 1 hour intervals
Sample period		can be preset from 1 to 10 sec intervals

Dimensions

Diameter aluminium tube	Ø (mm)	73
Length	(mm)	263

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