

## TELEPRESSMETER PWVW

### Application

The Telepressmeter PWVW is an absolute pressure sensor to measure positive and negative static and dynamic pressures of all kind of liquids, for example pore pressure in earth dams, uplift measurements in dams, negative pressure in spillways and measurements for ground water levels.

### Description

The measuring system of the Telepressmeter PWVW is based on the vibrating wire principle. The wire is more or less tensioned by pressure changes at the membrane. The wire is electrically stimulated by the measuring instrument and the corresponding frequency is measured.



### Technical Data

Type	PWVW
Measuring ranges	0 up to 3.5 / 7 / 10 / 20 / 30 bar (others on request)
Resolution	0.025% FS
Precision	±0.1% FS
Linearity	<0.5% FS (optional ±0.1% FS)
Temperature error	<0.05% FS per °C
Temperature range	-20 up to +80 °C
Model	Sintered INOX metal filter or thread connection
Dimension	ø20 x 150 mm
Weight	0.16 kg