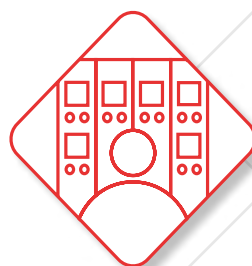




Portable Readout Unit



www.pizzi-instruments.it

Instruments and Systems for Geotechnical and Structural

Portable Readout Unit



Descrizione

During the installation phases of any type of instrument, when possible, it is always advisable to have a portable readout unit for the functional verification of sensors; both before and during all phases of installation. The availability of a read-out unit also during operation of the system protects against the loss of information in the event of failure of the automatic acquisition system.

Various portable readout units are available today, depending on the type of sensor to be monitored and the characteristics required.

There are individual readout units for analog and for vibrating wire instruments as well as readout units that manage both types of sensors with the possibility of configuring individual channels and data storage.

Applications

In all cases where analog or vibrating wire instruments are present, in particular:

- Dams in conventional concrete or RCC
- Earthfill dams
- Bridges
- Tunnel
- Viaducts
- Road and rail embankments
- Laboratory tests
- Buildings
- Monuments
- Other

Features and Benefits

- Ease of use
- Excellent reliability
- High visibility display
- Waterproof keypads
- Excellent autonomy
- High resolution
- Remarkable accuracy

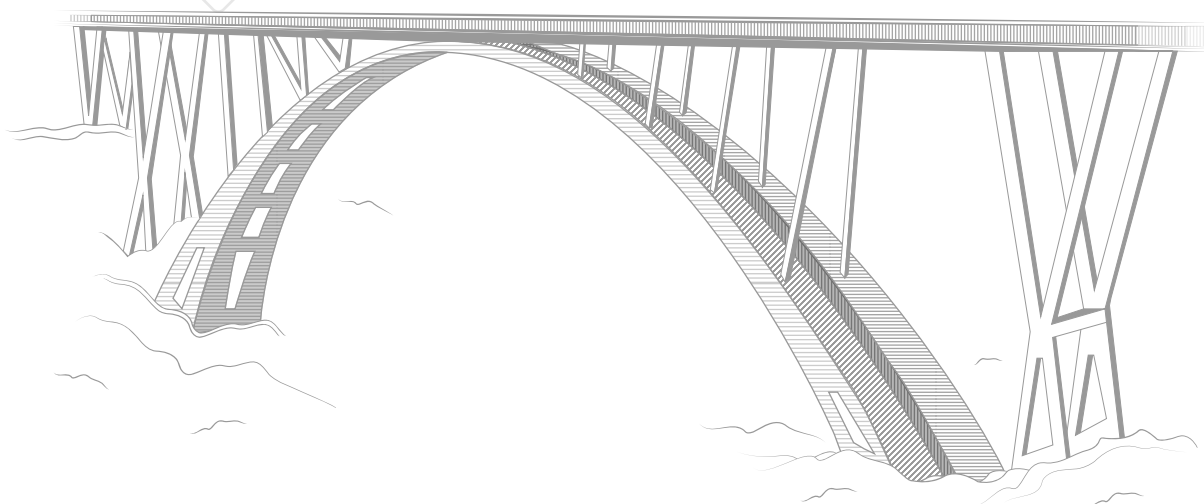


Technical Data	Universal type	Monosensor type
Input type	Vibrating wire, 0-10 volt, 0-20 mA, mV/V, ohm, Pt100, thermistor, impulse	Vibrating wire, 0-10 volt, 0-20 mA, mV/V, ohm, Pt100, thermistor, impulse
Converter A/D	24 bit	14 bit
Power supply	No. 4 rechargeable batteries or No. 4 model AA alkaline batteries	No. 4 model AA alkaline batteries
Display	Colour chart	Colour chart
Total accuracy	+/- 0,01 %FS	+/- 0,01 %FS
Autonomy	Approx. 8 hours of continuous operation	Approx. 8 hours of continuous operation
Memory	4.000 data	No
Operating temperature	-20.....+60 °C	-10.....+60 °C
Handheld case	IP67	IP65
Container	ABS case IP67 degree of protection	ABS case IP65 degree of protection
Connector	n.2 M12 - 8 poles with IP67 cap	M12 - 8 poles with IP65 cap
Dimensions	330x300x150 mm	165x90x30 mm
Weight	1,8Kg	260 g
Interface	USB	No

The Company

For more than 40 years we have been designing and producing precision instruments for monitoring large structures sold all over the world.

Accuracy in design, efficiency in construction, reliability in management, these are the prerogatives that every big project must have and that structural monitoring systems must guarantee



Technical assistance

If you have any requests or questions about our instruments or if you have special needs that require different solutions from the standard, please contact us. Our team will provide all the necessary information and will be very happy to work with you to study, develop and customize instruments and solutions suitable for your specific needs.

All data present in the sheets could change without notice.

Please check the release carefully and for more details contact Pizzi Instruments.

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