

READOUT UNIT

Description

The readout unit is a tool enabled to power sensors and to display data from them. It is typically used when it is not possible or it is unintended to acquire automatically and continuously those data coming from transducers (by a remote acquisition unit). In order to make the reading operations faster, sometimes the signals of two or more sensors are grouped into centralized panels from which, connecting with the portable reading unit using the supplied cable and with the simple use of a channel selector, you can display data from all sensors installed. Models for reading all popular sensors are available on the market. The reading unit also comes complete with a connecting cable.

Applications

- Manual readings of electric crackmeters, tiltmeter, piezometers, VW, etc.
- Not continuous structural and geotechnical monitoring
- Readings of laboratory instruments



Features

- Compatible with most analog sensors on the market
- Large display
- Easy to use
- Protection class IP65
- Power supply with alkaline battery
- Reads both electrical and engineering units

Technical specifications

Type of measurements	VW, 0-10 Volt, 4-20 mA, mV/V, ohm (configurable at the factory)
A/D converter	14 bit
Power supply	No. 4 alkaline batteries 1.5 V
Display	LCD
Total accuracy	+/- 0,1 %FS (+/- 1 digit)
Operating time	about 15 hours of continuous operation
Case	handheld box IP 65
Dimensions (L x W x H)	165 x 90 x 30 mm
Operating temperature	-10.....+60 °C
Connector	M12 - 8 poles with cap IP65
Weight	260 gr

Accessories and spare parts

- Sensor cable
- Travel bag
- Switch terminal boxes

Please specify

CODE	PRODUCT DESCRIPTION
CLM-100	Readout with input 4-20 mA
CLM-200	Readout with input 0-10 Volt
CLM-300	Readout with input mV/V
CLM-400	Readout with input thermistor
CLM-500	Readout with input VW
CLM-801	Sensor cable for ratiometric sensors
CLM-802	Sensor cable for 4-20 mA
CLM-803	Sensor cable for mV/V
CLM-804	Sensor cable for VW
CLM-805	Sensor cable for 0-10 Volt



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