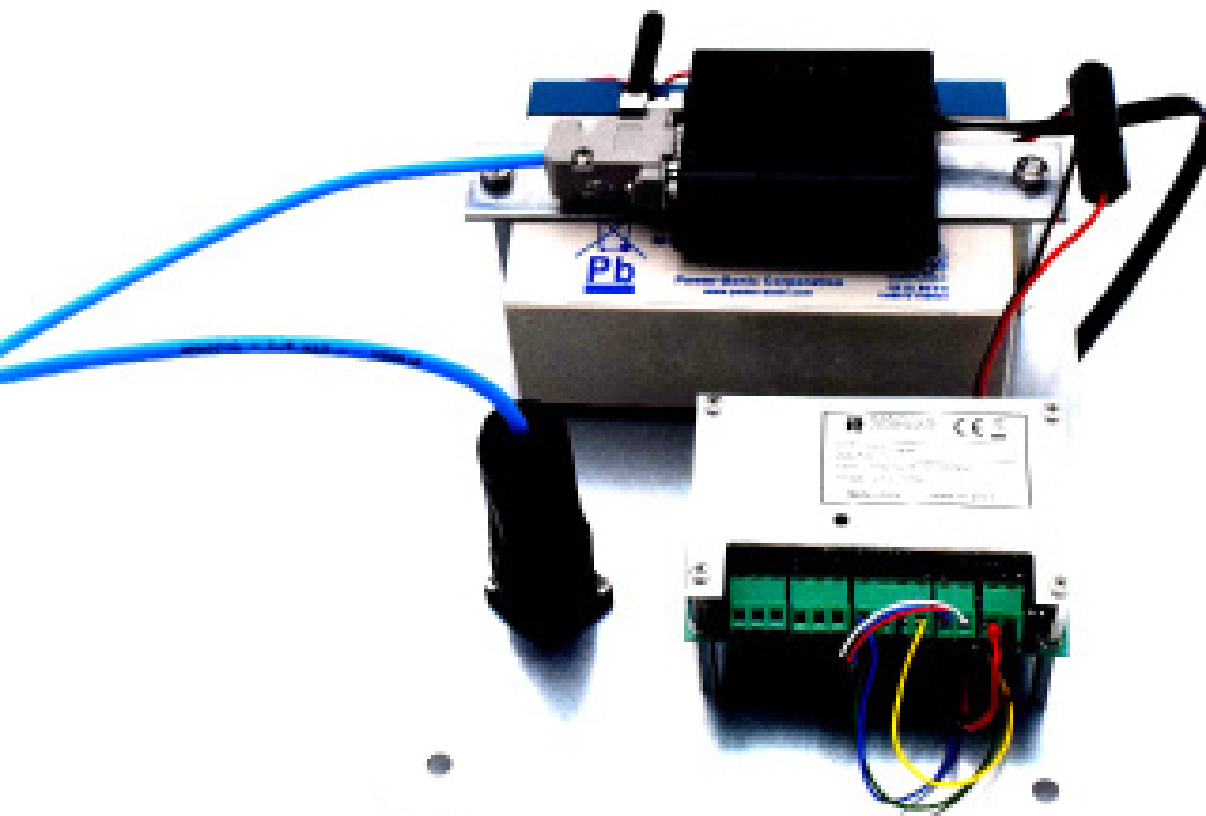




Datalogger 2 and 3 Inputs D200/D300

Technical Features



The dataloggers series D200, D300 are easy to use. Software is user friendly and compatible with any Windows OS. Low power consumption allows a very long autonomy (about 2 years with 4 data acquisitions per day). The datalogger is cheap and running costs are extremely low. The batteries used are common C size alkaline or rechargeable lead-acid gel. Data can be transmitted to any FTP server thanks to the optional GPRS modem. Connection to a solar panel allows a limitless transmission but is non mandatory.

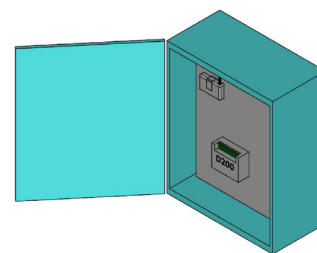
Applications

- The dataloggers series D200, D300 are suitable for Geotechnical, Structural and Environmental monitoring. Connected sensors may have mV or mA outputs.
- List of possible sensors:
- Electrical piezometers
 - Crackmeters
 - Clinometers
 - Thermometers
 - Conductivity meters

Related Instrumentation



- PT100
- Piezometers OG200
- Crackmeters OG400
- OtrMonitoring web site



Installation

- The dataloggers series D200, D300 can be placed close to monitored sensors. After simply setting timer for data acquisitions and setting sensors type, datalogger is ready to use.

Technical Specifications

Model	D200	D300 (Verifica tutti parametri)
Channels	Up to 2 + battery level	Fino a 3 + tensione di batteria
Resolution	12 bit, 4096 point (0.005mA o 0.5 mV) Internal RTC	
Thermal Stability	< 30 ppm	< 30 ppm
Power Supply Sensors	12-15 Vcc. 100 mA	12-15 Vcc. 100 mA
Inputs	4-20 mA, 0-2.048 V, Ratiometric	
Power Supply Datalogger	6V Lead acid Battery 4 size C batteries Solar panel (on demand)	
Memory	EEPROM 64 Kbyte	EEPROM 128 Kbyte
Data Logging	Up to 7500 data for every channel	Up to 15000 data for every channel
Stand-by Consumption	< 90 μ A	< 90 μ A
Electrical Shielding	IP 65 (Standard)	IP 65 (Standard)
Multiplexer	Solid state	Solid state
Operating Temperature	-20°C / +55°C	-20°C / +55°C
Optionals:	GPRS module for FTP ASCII Transmission	

Codes & Part Numbers

P/N 2010020	D200 2 Channel Datalogger
P/N 2010021	2W Solar Panel
P/N 2010022	Software and USB cable
P/N 2010023	Pole bracke in galvanized steel
P/N 2010024	Wall bracke in galvanized steel
P/N 2010025	6V 11 A/h Battery
P/N 2010026	Transmission Module
P/N 2010027	Pole 2+2 meters Ø 50 mm