



Applications

The Model CGEO-JB/TB Series Terminal Boxes are used for multiple instruments to be grouped in one convenient location, offering an easy and quick means of taking sensor readings, typical applications including Dams, cuttings, structural instrumentation, slope stability etc.

Description

The Model CGEO-JB Non-switching Terminal Box is suitable for rapid manual reading or centralized observation of multiple sensors in various environments by matching corresponding reading devices. It is used to take a reading of up to 20 nos. of Vibrating Wire instruments (including their integral thermistor) using one of VW Readouts.

The Model CGEO-TB Switching Terminal Box is suitable for rapid automatic reading of the sensors which connected. They are used to automatically take manual readings of multiple instruments using a single readout connection point and a rotary switch. There is a standard allowance of 24, 32, 48, 64 instruments.

Key Features

- ◆ deal solution for terminating multiple cables
- ◆ Easy and quick access for readings
- ◆ Waterproof and corrosion resistance
- ◆ Integral UPS power supply (option)

Main Specifications

Model	CGEO-JB	CGEO-TB
Number of instruments	20	24, 32, 40, 48, 56, 64
Power Supply	AC220V, UPS(optional)	AC220V, UPS(optional)
Controlling	Manual	Manually or automatically
Power Exhaustion	< 3W	< 3W
Enclosure	IP65	IP65
Enclosure Dimensions (L x W x H)	400x300x160mm	300x210x400mm, 400x210x600mm

Operation

The Model CGEO-JB Non-switching Terminal Box makes it easy to manually connect a Readout (Model CGEO-PR-VW), to a multiplicity of vibrating wire sensors by means of color coded terminal posts, mounted below the rotary switches on the face panel of the Terminal Box, to which the flying leads (patch cord) of the readout can be clipped. The rotary switch is used to select which "channel" or sensor is being read by the Readout.

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International Manufacturer of Geotechnical & Structural Instruments

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