



Applications

CGEO-CM Signal Converter can resolve the data acquisition problems when the data collection system can not read the vibrating wire sensor output signal directly. It often occurs when the old monitoring system updating or there just exists several vibrating wire sensors in data acquisition system.

Description

CGEO-CM Signal converter can provide continuous incentive to vibrating wire sensor and convert the output signal frequency of vibrating wire sensor to 4-20mA. The converter outputs current signal, which is proportional to the pressure, strain and so on physical parameter from sensors.

Connect the vibrating wire sensor to the converter wiring terminal when using. Provide converter 12-16V DC power supply. Use PC-HyperTerminal software via RS232 serial interface to set the sensor parameters. Then the system can work properly.

Key Features

- ♦ Accurate, long-term stability
- ♦ Robust design and reliable
- ♦ Waterproofing can be customized

Main Specifications

Model	CGEO-CM
Input Sensor Type	Vibrating wire sensor
Output Signal Type	4-20mA
Frequency Range of Input Sensor	400~6000Hz
D / A Convert Resolution	16 digital
Resolution	0.01 Hz
Measuring Accuracy	0.1Hz
Maximum Output Error	< 0.2% F.S.
Sampling	10 seconds
Operating Temperature	-10 to + 60°C
Environmental Humidity	0-99%RH (incondensable)
Power Supply	VDC.12~16V, 50~80mA
Dimension (LxWxH)	156x84x68mm
Weight	400g



Comprehensive information about this product and our full range is available at www.cgeo-instruments.com
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