

FlexDAQ Data Loggers

Description

Ideal for remote monitoring in both common and demanding geotechnical conditions, RST FlexDAQ Data Loggers offer precise measurement and reliable data acquisition from various sensor types and gauges including vibrating wire, thermistor, MEMS (analog and digital), Tensmeg, linear potentiometer, strain gauge, LVDT, TDR, etc.

The 4 main FlexDAQ models are the CR6, CR300, CR800, and CR1000X. All offer extreme flexibility in their design configurations and are custom-made to accommodate a variety of sensor types as they pertain to the parameters of your project. The framework for building a FlexDAQ Data Logger is dependent on the type, number, precision, and speed of measurements required. Best of all, FlexDAQ Data Loggers arrive to you completely pre-assembled, pre-wired, pre-tested, and pre-programmed; ready to be put to work straight out of the box with minimal set-up.

All FlexDAQ Data Loggers bear similarities in measurement and programming capabilities and can easily incorporate additional sensor and telecommunication options.

SPECIFICATIONS

FLEXI-MUX SPECIFICATIONS

ITEM	SPECIFICATION
Power	12 Vdc (under load), unregulated
Current Drain	10 μ quiescent; 8 mA active
Reset Active Levels, max.	2.0 V
Clock Active Levels, max.	2.0 V
Min. Clock Pulse Width	1 ms
Max. Actuation Relay Time	20 ms
Relay Operation	Break before make
Initial Relay Resistance, max.	0.1 Ohm
Max. Switching Current	1 A
Min. Contact Life	10 ⁷ closures
Operating Temp.	-40°C to 70°C (-40°F to 158°F) - extended
Size	8.15"H x 1.05"W x 3.17"D
Weight	0.24 kg (0.53 lbs.)