

QuakeLogic 6-Channel Datalogger

QUAKELOGIC



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QuakeLogic 6-Channel Datalogger — datasheet generated from the supplied technical material. Connect a live AI provider (AI_PROVIDER=gemini) to expand this into full marketing-grade copy.

PRODUCT FEATURES

Model

QL-MICROMCU-6

Programmable

customized software deployment for changing and challenging requirements

Universal

compatible with the majority of commercially available sensors

Model

QL-MICROMCU-6

Number of Channels

6

Frequency Range

400 Hz to 5000 Hz

Temperature Range

-20°C

For more information about the features, specifications, and available configurations of the QuakeLogic 6-Channel Datalogger, please contact QuakeLogic.

CAPACITY

SPECIFICATION	VALUE
Model	QL-MICROMCU-6
Programmable	customized software deployment for changing and challenging requirements
Universal	compatible with the majority of commercially available sensors
Model	QL-MICROMCU-6
Number of Channels	6
Frequency Range	400 Hz to 5000 Hz
Temperature Range	-20°C
Frequency Accuracy	0.1 Hz

TECHNICAL SPECIFICATIONS

SPECIFICATION	DESCRIPTION
Model	QL-MICROMCU-6
Programmable	customized software deployment for changing and challenging requirements
Universal	compatible with the majority of commercially available sensors
Model	QL-MICROMCU-6
Number of Channels	6
Frequency Range	400 Hz to 5000 Hz
Temperature Range	-20°C
Frequency Accuracy	0.1 Hz
Temperature Accuracy	0.5°C
Frequency Resolution	±0.1 Hz
Temperature Resolution	0.5°C
Measuring Time per Channel	<3 s

SPECIFICATION	DESCRIPTION
Resistance Ratio Range	0.8000 to 1.2000
Resistance Sum Range	0.02 Ω to 120.02 Ω
Resistance Ratio Accuracy	0.0001
Resistance Sum Accuracy	0.02 Ω
Resistance Ratio Resolution	0.00001
Resistance Sum Resolution	0.001 Ω
Measuring Time per Channel	<4 s
Voltage Range	-10 V to +10 V
Current Range	-24 mA to +24 mA
Voltage Accuracy	0.02% F.S.
Current Accuracy	0.05% F.S.
Voltage Resolution	<0.1 mV

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Corporate Headquarters:**QUAKELOGIC INC.**

2008 Opportunity Dr., Suite 130
Roseville, CA 95678, USA

Monday – Friday

9:00 AM – 5:00 PM (PST/PDT)

Contact Us:

Phone: +1 (916) 899-0391

Email: sales@quakelogic.net

Web: products.quakelogic.net

About QuakeLogic:

QuakeLogic Inc. is a California-based engineering and technology company providing innovative, reliable, high-quality solutions to customers worldwide.

Our Commitment

We are committed to quality, innovation, and customer satisfaction – building lasting partnerships through reliable solutions and dependable support.

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