

Digital Peak Holder CSD-819C

2023/06/02

Features



- High speed sampling at 2 000 times/s with the small unit.
- Various peak mode setting.
- CE Mark Mark applied.
- Protection grade : IP65
- Suitable for the press fit measuring

Specification

Specification name	Specification contents
Bridge power supply	10 VDC±0.5VDC within 60 mA (Changeable to 5 VDC or 2.5 VDC)
Input range	F.S. setting is available at the input range from ±0.4 mV/V to ±3.1 mV/V (When bridge power supply is 10 VDC or 5 VDC) F.S. setting is available at the input range from ±0.8 mV/V to ±3.1 mV/V (When bridge power supply is 2.5 VDC)
Output range	DC±10 V Load resistance 5 kΩ or more (F.S. setting is available in the function.)
Output times	100 times/s, 500 times/s, 1 000 times/s, 2 000 times/s (Synchronous with A/D sampling rate.)
Output resolution	Same as the display resolution.
Zero adjustment range	±2.0 mV/V
Non-linearity	Display 0.025 %F.S., Output 0.025 %F.S.
Temperature	Zero point ±0.5 μV/°C (Input conversion, in F.S. setting at the input of ±0.5 mV/V ~ 3.1 mV/V)

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coefficient	Sensitivity ± 0.01 %F.S./ $^{\circ}\text{C}$ (Input conversion, F.S.setting at the input of ± 0.5 mV/V \sim 3.1 mV/V)
Input filter	10 Hz, 100 Hz, 1 kHz
A/D sampling speed	2 000 times/s (Changeable to 100 times/s, 500times/s, 1 000 times/s)
Load display	
Display range	-11 000 \sim 11 000
Comparator Display	'Display range : -99 999 \sim 99 999 Nos. of display : 1 point (Selectable from S0, S1, S2, S3 or S4) Display times : 20 times/s (Changeable to 4 times/s, 50 times/s or 100times/s)
External control function	ZERO, PEAK/TRACK, HOLD, RESET, SEL.1, SEL.2
Comparator function	'Display range : -99 999 \sim 99 999 Nos. of display : 1 point (Selectable from S0, S1, S2, S3 or S4) Display times : 20 times/s (Changeable to 4 times/s, 50 times/s and 100 times/s) Open collector output function : 'S1, S2, S3, S4 On when reached under/over the comparator set value. S0 On with each condition of the function setting.
Operating temp. /humidity range	Temperature -10 $^{\circ}\text{C}$ \sim 50 $^{\circ}\text{C}$, Humidity 85 %RH or less (Non condensing)
Power supply voltage	100 VAC \sim 240 VAC 50/60 Hz (Permissible variable range 85 VAC \sim 264 VAC)
Power consumption	Approx.15 VA (without options, at AC100 V) Approx.18 VA at maximum(with options, at AC100 V \sim 240 V)
Outline dimensions (WxHxD)	96 mm x 96 mm x 129.5mm (excludes protruding parts)
Weight	Approx. 500 g (without options)
Protection code	IP65 or equivalent (Only for the fron panel when the attached panel mounting gasket is installed.)

Options

Current output

BCD output

RS-232C interface

RS-422/485 interface

Voltage power supply

Latest News

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New Product

[New Product]Digital Indicator "CSD-701C" is released ! Great improvement on Temperature Characteristics and Non-linearity!

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