

Built-in control panel type digital indicator CSD-891B

2023/06/02

Features



- Small size suitable for built in control panels.
- Variety of interfaces with the computer, sequencer, etc.,

Specification

Specification name	Specification contents
Bridge power supply	10 VDC±0.25 VDC within 120 mA (Changeable to 5 VDC or 2.5 VDC) with remote sensing
Input range	F.S. setting is available at the input from 0.2 mV/V to 3.1 mV/V (When bridge power supply is DC10 V)
Zero adjustment range	-2.5 mV/V ~ 2.5 mV/V
Non-linearity	0.01 %F.S.
Temperature effect	Zero point ±0.2 μV/°C (Input conversion, in F.S. setting at the input from 0.3 mV/V to 3.1 mV/V) Sensitivity ±0.0015 %F.S./°C (Input conversion, in F.S. setting at the input from 0.3 mV/V to 3.1 mV/V)
Input noise	±0.3 μVp-p or less (at the default setting of digital filter and stabilization filter)
Input filter	4 Hz (at OFF setting of the digital filter and the stabilization filter)
A/D sampling speed	200 times/s
Display range	-9 999 ~ 99 999
Display times	20 times/s (Changeable to 4 times/s, 50 times/s or 100 times/s)
External control function	ZERO, A/Z, A/Z OFF, HOLD, LOCK

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Comparator function	Set value : -99 999 ~ 99 999 Set quantity : 5 points of S0, S1, S2, S3 and S4 Comparator conversion rate Changeable to : 10 times/s, 20 times/s, 50 times/s, 100 times/s or 200 times/s Open collector output function : 5 points of S0, S1, S2, S3 and S4
Operating temp. /humidity range	Temperature -10 °C~ 50 °C, Humidity 85 %RH or less (Non condensing)
Power supply voltage	100 VAC ~ 240 VAC 50/60Hz (Permissible variable range 85 VAC ~ 264 VAC)
Power consumption	Approx. 16 VA(without options, at AC100 V) Approx.19 VA at maximum (with options, at AC100V ~ 240 V)
Outline dimensions (WxHxD)	67 mm x 208 mm x 140.7 mm (excludes protruding parts)
Weight	Approx. 1.2 kg (without options)

Options

Current output

Voltage output

BCD output

CC-Link interface

RS-232C interface

RS-422/485 interface

Latest News

2023.03.24

New Product

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

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