

Transmitter CSA-591

2023/10/05

Features



- High response 1 kHz
- Auto zero functions (Optional)

Specification

Specification name	Specification contents
Bridge power supply	8 VDC±0.3 VDC within 30 mA
Applicable transducer	1 unit of tie-bar gage (350 Ω type 2 pieces a couple)
Input range	±300 μst ~ ±2 000 μst
Output voltage	±10 V output
Output load resistance	2 kΩ or more
Zero adjustment range	Coarse adjustment Approx. ±10 000 μst adjustable by 16 steps rotary switch. Fine adjustment Approx. ±3 000 μst adjustable by fine/coarse adjustment trimmer
Sensitivity adjustable range	Coarse adjustment Approx. ±10 000 μst adjustable by 16 steps rotary switch. Fine adjustment Adjustable by trimmer
Non-linearity	0.1 %F.S.
Temperature efficient	Zero ±10 μV/°C (Input conversion) , Sensitivity ±0.05 %F.S./°C
CALIB	300 μST±15 μst for 1 point
Frequency response range	Approx. 100 Hz, or Approx. 30 Hz

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Operating temp./humidity range	0 °C ~ 50 °C, 80 %RH or less ((Non condensing)
Power supply voltage	24 VDC (18 VDC ~ 36 VDC)
Power consumption	Approx. 0.15 A (at 24 VDC)
Outline dimensions (WxHxD)	48 x 96 x 131 (mm) (excludes protruding parts)
Weight	Approx. 0.5 kg

Table of P/N

Parts No.	Outline dimension (WxHxD) [mm]	Weight(Approx.) [kg]
CSA-591	48 x 96 x 131 (excludes protruding parts)	0.5

Accessories

 Instruction manual 1 piece

Options

Auto zero function