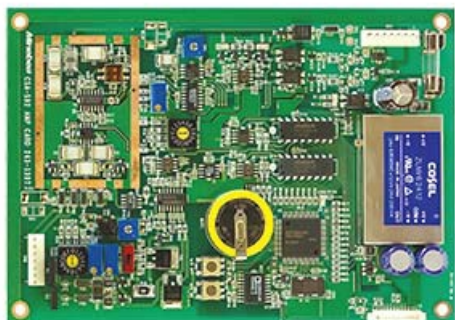


# PCB type Transmitter CSA-592 for tie bar measurement system

2023/10/05

## Features



- PCB type transmitter exclusively use for tie bar gage.
- Suitable for the control of the mold tightening operation of the injection molding machine.

## Specification

Specification name	Specification contents
Bridge power supply	8 VDC $\pm$ 0.3VDC within 30 mA
Applicable transducer	1 unit of tie-bar gage (350 $\Omega$ type 2 pieces a couple)
Input range	$\pm$ 300 $\mu$ st $\sim$ $\pm$ 2 000 $\mu$ st
Output voltage	$\pm$ 10 V output
Output load resistance	2 k $\Omega$ or more
Zero adjustment range	Coarse adjustment Approx. $\pm$ 10 000 $\mu$ st adjustable by 16 steps rotaryswitch. Fine adjustment Approx. $\pm$ 3 000 $\mu$ st adjustable by fine/coarse adjustment trimmer
Sensitivity adjustable range	Coarse adjustment Approx. $\pm$ 10 000 $\mu$ st adjustable by 16 steps rotaryswitch. Fine adjustment Adjustable by trimmer
Non-linearity	0.1 %F.S.
Temperature efficient	Zero $\pm$ 10 $\mu$ V/ $^{\circ}$ C (Input conversion) , Sensitivity $\pm$ 0.05 %F.S./ $^{\circ}$ C
CALIB	300 $\mu$ ST $\pm$ 15 $\mu$ st 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)	160 x 110 x 20 (mm) (excludes protruding parts)
Weight	Approx. 0.5 kg

## Table of P/N

Parts No.	Outline dimension (WxHxD) [mm]	Weight(Approx. ) [kg]
CSA-592	160 x 110 x 20 (excludes protruding parts)	0.5