

High response type transmitter CSA-522B

2023/03/22

Features



- High response direct amplifier
- For measuring load, pressure, torque and displacement.
- Auto zero function as an option

Specification

Specification name	Specification contents
Bridge power supply	10 VDC±0.3VDC within 120 mA (Changeable to 2.5 VDC or 5 VDC.)
Input range	0.35 mV/V ~ 3.5 mV/V
Sensitivity	±10 V (Non-isolation)
Load resistance	500 ohm or more
Sensitivity adjustable range	L: 1 000 times, M: 2 000 times, H: 3 000 times Adjustable from 1/1 to 1/4 on each setting
Zero adjustment range	±0.6 mV/V
Non-linearity (Display and voltage output)	0.005 %F.S.
Temperature efficient	Zero point ±0.2 μV/°C (Input conversion) Sensitivity ±0.005 %F.S./°C
	1 Hz or 30 Hz (-12dB/oct bessel tvne).

ミネベアミツミ株式会社

Copyright©MinebeaMitsumi Inc. All right reserved.

High response type transmitter CSA-522B

2023/03/22

Frequency response range	25 kHz (-3 dB)
Current output	DC4 mA ~ 20 mA (Non-isolation, at the voltage output DC0 V ~ 10 V) Load resistance 510 ohm or less, Non-linearity 0.05%F.S.
Operating temp. / humidity range	Temperature -10 °C ~ 50 °C Humidity 85 %RH or less (Non condensing)
Power supply	100 VAC (Permissible variable range: 90 VAC ~ 110 VAC) 50/60Hz
Power consumption	Approx. 15 VA
Outline dimensions (WxHxD)	49.5 mm x 138 mm x 173.6mm (Excludes protruding parts)
Weight	Approx. 1.1 kg
Options	Auto zero, Power supply voltage

Options

Auto zero

Power supply voltage