

Features



- PC board type
- Analog output (DC±5 V)

Specification

Specification name	Specification contents
Bridge power supply	5 VDC±0.15 VDC
Applied sensor	1 unit of Vector sensor Fx / Fy / Fz output (120Ω half bridge)
Input range	±300 ×10 ⁻⁶ strain ~ ±5 000 ×10 ⁻⁶ strain
Output	±5 VDC
Output load resistance	2 kΩ or more
Sensitivity adjustable range	Sensitivity adjustable range Fx / Fy : 650 times adjusted by 1/1 ~ 1/2 Fz : 6 900 times adjusted by 1/1 ~ 1/2
Zero adjustable range	Coarse adjustment : ±3 000 ×10 ⁻⁶ strain Fine adjustment : ±300 ×10 ⁻⁶ strain
Non-linearity	0.05 %F.S.
Temp. effect	Zero point : ±0.1 μV/°C (Input conversion), Sensitivity : ±0.01 %F.S./°C
CALIB	Fx / Fy : 3 000 μst±15 ×10 ⁻⁶ strain, Fz : 300 μst±1.5 ×10 ⁻⁶ strain

PC Board type Transmitter CSA-524

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Frequency response range	Approx. 100 Hz (-3 dB±1 dB)
Operating temp. /humidity range	-10 °C ~ 50 °C, 85 %RH or less (No condensing)
Power supply	24 VDC (18 VDC ~ 36 VDC), 120 mA
Outline dimensions (WxHxD)	140 x 75 x 15 (mm)
Weight	Approx. 100 g

Options

[Vector sensor MX020 series](#)