

Specifications

Bridge Voltage (BV)		DC, 2.5/10V, $\pm 10\%$ (Current: 60mA max. Remote sensing available)
Signal input range		± 3.2 mV/V
Equivalent input/TEDS	Calibration range	0.3 mV/V to 3.2 mV/V
	Calibration accuracy	Within 0.1% FS (at 10V for BV and 0.5mV/V or more for sensor sensitivity)
Zero adjustment range		± 2.0 mV/V
Accuracy	Non-linearity	Within 0.01% FS + and 1 digit (at an input of 1 mV/V or more)
	Zero drift	0.5 $\mu\text{V}/^\circ\text{C}$ or less (RTI)
	Gain drift	Within $\pm 0.005\%$ FS/ $^\circ\text{C}$
A/D conversion rate		100 times/sec
Analog filter		Selectable from 3, 10, 30, 100, 300 Hz (-12dB/oct)
Analog voltage output	Voltage	Approx. 2 V for 1 mV/V
	Load register	2k Ω or more
TEDS function	Refresh rate	IEEE1451.4 Class 2 Mixed-mode interface Note that the TEDS function cannot be used when 4, 6, 10, 20 times/sec
Displayed items	Calibration settings	Zero CAL/Span CAL (TEDS CAL, Actual load CAL, Equiv. input CAL)
	Function settings	HI value, LO value, HH value, LL value, Comparison mode, Hysteresis, Near-zero, Digital filter, Analog filter, Motion detection, Zero tracking, Static strain, Digital zero, Zero offset, Hold mode, Key lock, Minimum scale, Refresh rate, Bridge voltage, B.C.D data refresh rate, RS232C, D/A converter
Hold functions		Sample hold, Peak hold, Bottom hold, Peak-to-Peak hold, block-specified hold (Peak, Bottom, Peak-to-Peak)
External input / output signals	Input	Hold, Decision, Clear, Digital zero
	Output	1a contact for each relay: HH, HI, OK, LO, LL, analog voltage
Power supply	AC power rating:	100 to 240V $\pm 10\%$ 50 - 60Hz AC, 13W
	DC power rating:	10 to 28 V DC, 8W
Operating temperature range		-10 $^\circ\text{C}$ to 40 $^\circ\text{C}$
Storing temperature range		-20 $^\circ\text{C}$ to 60 $^\circ\text{C}$
Operating humidity range		85% RH or less (no condensation)
	Safety standard	Installation class I, EN61010-1 Pollution degree 2 Overvoltage category II, CE marking
Weight		Approx. 950 g