

2-WIRE TRANSMITTER FOR LOAD CELLS AND PRESSURE TRANSDUCERS

CONVERTS mV/V TO 4 TO 20 mA OUTPUT

PXTX-507
\$195



PXTX-507, \$195, shown smaller than actual size, with LC201 load cells, \$485, see page F-32.

- ✓ Provides Transducer Excitation for One $\geq 350 \Omega$ Bridge
- ✓ Selectable Input Ranges
- ✓ Works with 350Ω to $5 \text{ k}\Omega$ Strain Sensors
- ✓ Zero and Span Adjustability
- ✓ Converts mV/V Sensor Output to 4 to 20 mA Loop Signal
- ✓ Rugged, Industrial Housing

SPECIFICATIONS

Input Span: User selectable, 0.5 mV/V to 4 mV/V

Input Impedance: $\geq 10 \text{ M}\Omega$

Output Span: 4 to 20 mA

Min Output Current: 3.75 mA typical

Max Output Current: 22 mA typical

Supply Voltage Range: 8 to 40 Vdc

Transducer Excitation: Selectable, 350 to 500Ω 1.24 Vdc @ 3.54 mA, $>500 \Omega$ 2.5 Vdc @ 3.5 mA; 5.0 mA max

Zero and Span Adjustability: 10% of any selected range

Accuracy: 0.5% of any adjusted span (includes linearity, hysteresis, stability)

Repeatability: 0.05% of span

Response Time: 200 ms typical

Stability:

Zero: Within 0.02% of span/ $^{\circ}\text{C}$ or 5 μA , whichever is greater

Span: Within 0.01% of span/ $^{\circ}\text{C}$

Max Lead-Wire Resistance Effect: Less than 0.25 μV per Ω

Max Change-in-Supply Voltage Effect: 0.05% of span over supply range

Output Ripple: Less than 0.05% of span, rms

Operating Temperature Range: -45 to 85°C (-49 to 185°F)



PXTX-507, \$195, with NEMA 7 enclosure option, \$95, shown smaller than actual size.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

MODEL NO.	PRICE	DESCRIPTION
PXTX-507	\$195	2-wire strain transmitter
-EPH1	95	NEMA 7 and NEMA 4 (IP65) enclosure includes mounting clips, springs and hardware

Comes with operator's manual.

Ordering Example: PXTX-507-EPH1, strain transmitter in NEMA 7 enclosure, \$195 + 95 = \$290.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
MS-1301	\$125	Assembly automation and product design

ACCESSORIES

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• Flow and Level

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters