

**Extremely accurate transmitters designed for top performance in force measurement and other process control applications.**

# X Series Transmitters

for Process Control Applications

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# X Series

## Process Control Transmitters

TEAM with Fairbanks' Omnicells®  
for a total system solution.



### RELIABLE, LOW-COST PROCESS WEIGHING SOLUTION

X Series Transmitters are ideal in a wide variety of process weighing applications and were specifically designed for customers running weight-based batching, blending or mixing systems through a PLC or PC network.

These devices can transmit weight data via analog (4-20 ma) or common PLC network communications, including Profibus-DP, DeviceNet and RS-422/485. The transmitter units are compact and designed to simply snap on to DIN rails typically used in control panels.

X Series Transmitters provide values based on gross or net weight and in the following measures: oz, lb, t, mg, g, and kg.

When used in conjunction with Fairbanks' Omnicell® weighing assemblies or other manufacturers' assemblies, the X Series Transmitters are a competitively priced alternative to full function indicators popularly used in process control applications.

### THREE MODELS TO CHOOSE FROM

X Series Transmitters are available with the following TCP/IP connections for remote control:

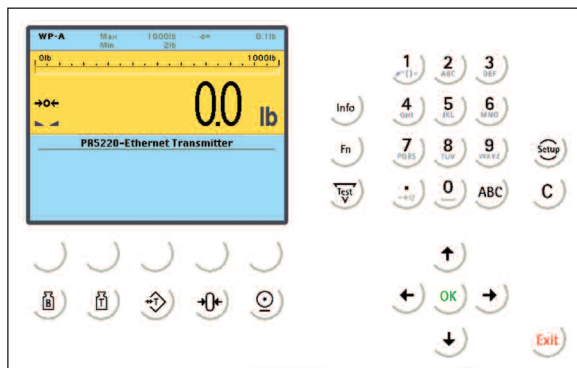
- High-performance Ethernet output.
- High-performance Ethernet output with 12 Mbit Profibus-DP.
- High-performance Ethernet output with DeviceNet.

### SPECIAL FEATURES

- Ethernet TCP/IP interface with integrated Modbus TCP protocol allows for easy integration into existing PC networks.
- High accurate signal conversion with internal resolution of 4.8 million counts.
- Calibration without weights (Smart Calibration).
- Specifically designed for use in typical control cabinets.



Fairbanks' X Series Process Control Transmitters are a reliable low-cost solution for weighing process scales with strain gauge load cells.



This sample screen can be viewed through a PC browser and used during setup and operation. Simply click on the buttons and GO!

### PERFORMANCE APPLICATIONS

X Series Transmitters are a low-cost weighing solution in a wide variety of process control applications including:

- Batching
- Blending
- Check weighing
- Filling
- Dispensing
- Force measurement
- Level by weight
- Weight rate monitoring

### SPECIFICATIONS

Display	..... None
Graduation size	..... 0.0001 to 50 (user selectable)
Resolution	..... Up to 999,999
Conversion rate	..... Minimum 5 ms; Maximum 1600 ms
Load cell connection	..... Four 350 Ohm load cells; Six 600 Ohm load cells
Enclosure	..... Varies by model
Minimum case dimensions	..... 3.89" x 4.56" x 1.77"
Maximum case dimensions	..... 3.89" x 4.56" x 2.67" (Fieldbus)
Construction	..... Polyimide (Class VO, UL 94)
Mounting	..... DIN Rail (35 mm, Din 46277)
Units	..... oz, lb, t, mg, g, kg
Power consumption	..... 8.5 W maximum (Fieldbus options)
Voltage	..... 24 VDC (not included)
Excitation voltage	..... 12 VDC
Standard outputs	..... 0-20 mA, 4-20 mA or 0-10V
PLC interface models	..... ProfiBus-DP DeviceNet RS-422/485

Call toll-free for the representative nearest you:

**(800) 451-4107**

Call between 8:00 a.m. – 5:00 p.m. Central Time

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