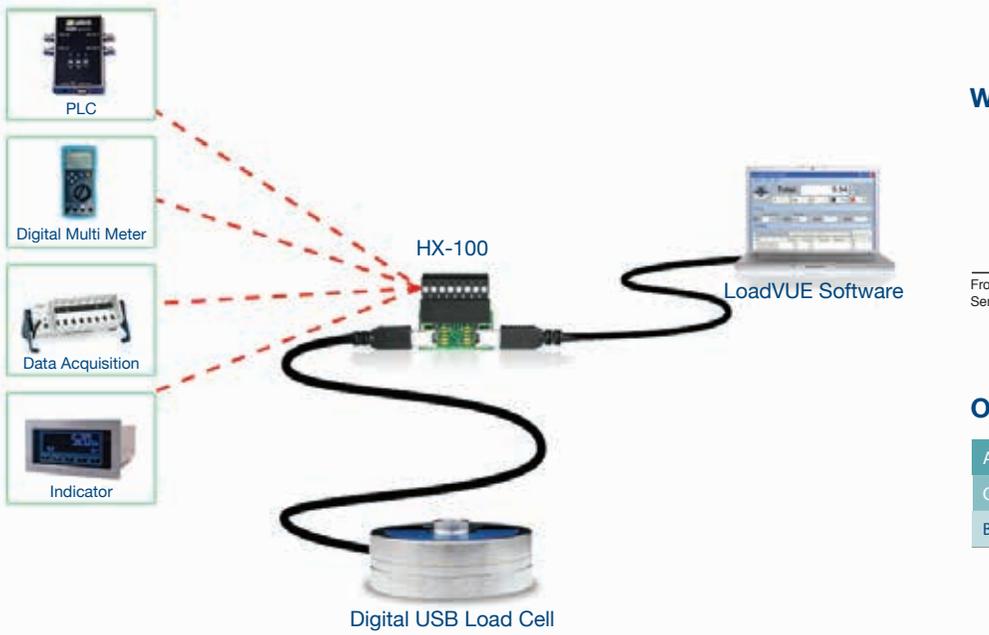
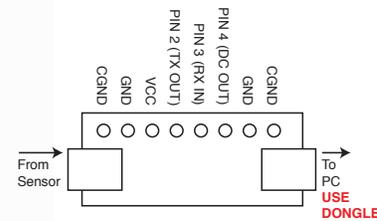


# HX-100 iLoad Hybrid Interface



## Wiring Diagram for Analog Output



## Ordering Information

Available Configurations	
Option	Part No.
Basic	HX-100

### Analog Output

The interface accepts power from your PC and outputs an analog 0.5V – 4.5V DC signal proportional to the applied load. The full scale output range is 4000 mV – two hundred times that of traditional strain-gauge-based load cells. This signal can easily be measured using commonly available digital multi-meters or with programmable logic controllers (PLC).

#### Analog Highlights

- ★ Standard 0.5V – 4.5V DC output
- ★ Large 4000 mV typical change for full load
- ★ Draws power from PC
- ★ No need for signal conditioning or amplification

### Digital USB Output

USB load cells offer direct measurement of static loads via the USB port of a PC. No need for signal conditioners, data acquisition systems or special software. Just connect and start measuring! In addition, you can use Visual Basic, Visual C++, Matlab, LABView or any other application development environment to create your custom applications with our sensors.

#### USB Highlights

- ★ Plug and Sense Simplicity
- ★ Standard USB output
- ★ Stored calibration
- ★ Ease of Use

## UX-100 Active USB Extender Cable



### Overview

This cable contains active electronics which boost the USB signal for maximum reliability and performance over extended distances. Up to 3 of these USB Active Extension cables can be linked together to extend the distance to your USB Load Cell to nearly 60 feet.

### Specifications

Technical Specifications	
Data Link Protocol	USB 2.0—High Speed USB
Length	5 m
Input Connector	USB Type-A Female
Output Connector	USB Type-A Male

### Ordering Information

Available Configurations	
Option	Part No.
Basic	UX-100