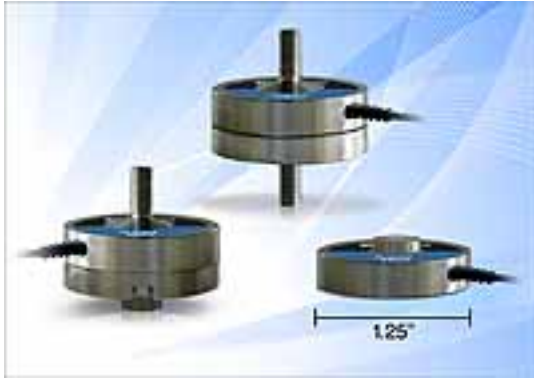


Miniature Load Cell Sensors and Interface Device with USB or Analog Outputs



Loadstar Sensors, Inc. announced the iLoad Mini miniature load cell, and the DQ-1000 versatile signal conditioning board that enables three different outputs: digital USB, 0.5V to 4.5V analog or 2 mV/V. The sensor offers ease of use in a rugged, low profile 1.25" diameter package and heights between 0.5" and 1" depending on the configuration. The separation of the load cell from the signal conditioning interface board gives greater flexibility to designers and inventors who want to fit the sensor into small spaces. The load cell accepts a 5V DC input and outputs a baseline 5V TTL frequency signal proportional to the applied load. The load signal is complemented by a reference signal that is sensitive to environmental effects such as temperature and humidity. This secondary signal can be used to compensate the baseline signal for temperature and humidity effects. Pricing starts at \$99 for the base version in aluminum with +/- 2 percent overall accuracy. Higher accuracy versions made in 17-4 PH stainless steel are also available.

Loadstar Sensors, Inc.
650-938-4282, www.loadstarsensors.com [1]

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<http://www.ecnmag.com/products/2008/02/miniature-load-cell-sensors-and-interface-device-usb-or-analog-outputs>

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[1] <http://www.loadstarsensors.com/>