Devices and equipment today are being designed smarter and smaller.

For applications requiring embedded force measurement there is a demand for miniaturization in sensors. TE Connectivity has designed a sensor to meet this demand in force sensing applications.

Introducing the FX29 robust compression load cell with exceptional value

Top 4 benefits of our FX29 force compression load cell

1. Multiple outputs
   - Available in mV, amplified and digital outputs allowing design flexibility and simplicity.

2. Compact design
   - Simplified design provides a small footprint (Ø19.70 x 4.95mm) that is suited for applications with tight space constraints.

3. Exceptional value
   - The sensor incorporates the high reliability Microfused technology and is offered in ranges from 10lbf to 100lbf at an exceptional price-to-performance.

4. Robust construction
   - Innovative sensor package design offers a two piece construction of stainless steel materials. The combination of a metal injection molded flexure and micro miniaturized MEMs strain gages allows flexibility of force range options for a lower cost sensor.

FX29 applications

Medical infusion pumps • Analog & digital scales • Fitness & exercise equipment • Payload weighing • Power tools • Robotics • Surgical & dental tools • Battery powered devices • Manufacturing equipment

Learn more