

TOP 10 REASONS

For Choosing Eilersen Weighing Solutions

#1

Robust and Reliable Load Cells

All Eilersen load cells tolerate very high overloads, sideloads and torsion. The load cells are produced in stainless steel and hermetically sealed to IP68 for tough industrial applications. Furthermore, Eilersen load cells are available in capacities up to 500 tons.

#2

Simple Mechanical Installation

Mechanical protection devices are not necessary when installing Eilersen digital load cells. This is not only an important cost and maintenance saver, but also allows for a hygienic installation.

#3

Simple Electrical Installation

Eilersen digital load cells feature true plug-and-play installation as the load cells are pre-calibrated, which eliminates the need for on-site calibration in many applications.

Eilersen digital load cells can be equipped with up to a 100 meter load cell cable and the cable length has no influence on the load cell calibration.

#4

Minimized on-site Installation Cost for OEM Customers

The very high overload tolerance of Eilersen load cells allows for in-factory installation of the load cells in OEM equipment, which eliminates the need for expensive and complicated transport brackets.

#5

Easy Commissioning and Service

It is possible to monitor the load and status of each individual Eilersen load cell with the integrated load cell diagnostics feature.

Eilersen digital load cells do not require regular maintenance but if maintenance is required, the integrated system will alert users, providing fast and easy troubleshooting.

#6

Ideal Load Cells for Dynamic Applications

Eilersen digital load cells feature sampling rates of up to 1000 measurements per second and a deflection of less than 0.1 mm at Full Scale (FS) which results in a high frequency of resonance.

#7

Top Specifications

Eilersen digital load cells can be supplied in OIML (up to C6 MI10), IECEx and ATEX certified (zone 1, 2, 21, 22) versions while still offering a very high overload tolerance.

#8

Flexible Solutions

Eilersen weighing modules are available with a range of fieldbus interfaces (Profibus DP, PROFINET, EtherCAT, Ethernet IP, Modbus TCP/IP, 4-20mA, 0-10VDC etc.).

#9

ISO 9001:2015 Certified Quality

All Eilersen load cells are developed, manufactured and individually calibrated at the Eilersen ISO 9001:2015 certified sites in Denmark and Switzerland to ensure that all products meet the highest quality standards on the market.

#10

Patented and Trusted Worldwide

The capacitive technology and mechanical design of the Eilersen load cells has been patented and is trusted by customers in more than 90 countries worldwide.