

## 数字称重传感器、磅秤和称重解决方案

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艾勒森数字称重传感器、磅秤和工业称重解决方案

### Eilersen Electric Digital Systems A/S

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工作时间：

周一至周五，上午8点至下午4点

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带底座的、坚固的数字式压力称重传感器



带定制软件的称重仪表



产品遍布全世界超过85个国家

### 基于电容数字技术的称重解决方案

艾勒森(Eilersen)公司成立于1969年，在丹麦和瑞士设有分部。艾勒森致力于研发、生产和销售基于[电容技术](#)的高质量、强健的工业传感器，用于测量力和重量。

### 电容技术在世界各地获得专利

这项影响深远的技术在世界各地获得了专利，广泛应用于目前的各种[数字称重传感器](#)。相比于力和重量测量传感器中所用的其他技术，艾勒森开发的电容技术具有诸多[优点](#)。

艾勒森称重传感器采用不锈钢材料生产，通过激光焊接而成，密封等级达到IP68。此外，艾勒森称重传感器具有很高的准确性（高达OIML C6）、突出的可靠性、简单的机械和电气安装过程以及最低的维护需求，可用于恶劣、要求严苛的工业应用环境。

艾勒森称重传感器的容量最高可达500T，涉及包括称重终端和接口模块在内的各种仪表。接口包括Profibus DP、DeviceNet、EtherNet IP、EtherCAT、ProfiNET、Modbus ASCII/RTU、RS485/422、RS232、4-20mA和0-10VDC等。艾勒森称重传感器和称重解决方案有OIML和ATEX两种认证版本可供选择。

艾勒森的所有产品都在丹麦和瑞士的艾勒森制造工厂进行研发、生产和单独校准。

### 艾勒森称重传感器受到全世界的信赖

艾勒森的客户包括全世界超过85个国家的优秀公司。艾勒森对技术、研发、质量和客户支持的专注带来了极高的客户忠诚度。

艾勒森公司拥有可靠的财务基础，并坚持履行自己的环境和社会责任。此外，艾勒森坚持提供平等的机会和非歧视性政策，同时也从由众多敬业的员工构成的稳定团队中受益良多。



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## 10 Reasons for using Eilersen Digital Load Cells

### 1. Robust Load Cells for Industrial Applications

All Eilersen digital load cells are based on a capacitive measurement principle where a robust ceramic sensor is mounted inside the load cell body. As the load cells contain no moving parts and the ceramic sensor is not in contact with the load cell body, the load cells tolerate very high overloads, side loads and torsion (up to 1.005% of rated load cell capacity).

The Eilersen load cells are produced in stainless steel and hermetically sealed (IP68/IP69K) by laser welding to ensure superb waterproof protection for tough industrial applications. Furthermore, Eilersen load cells are available in capacities up to 500t.



### 2. Simple Mechanical Installation

Mechanical protection devices are not necessary when installing Eilersen digital load cells as the capacitive measuring principle allows for very high overloads, side loads, and torsion. This is an important cost and maintenance saver.



### 3. Simple Electrical Installation

The Eilersen digital load cells feature true plug-and-play installation, as the load cells are pre-calibrated. This is an important feature in high capacity applications where it is difficult to find calibration weights, which saves a tremendous amount of time during commissioning. Furthermore, a damaged load cell can be changed without the need for re-calibration.

[www.eilersen.com](http://www.eilersen.com)

## 使用艾勒森数字称重传感器的10大理由



The Weighing Experts

### Robust high quality load cells

Eilersen load cells tolerate up to 1.005% overload, which allows a very simple and rugged mechanical installation.



The simple installation eliminates the need for mechanical protection and reduces the total cost of ownership.

Eilersen load cells are produced in stainless steel and hermetically sealed in PMS (laser welded) to ensure superb protection.



Eilersen load cells are factory calibrated and compensated to ensure the highest accuracy (OIML C6) and quality in the market.

### Patented technology

Eilersen load cells are based on a patented digital technology, which enables true plug-and-play electrical installation.

The load cell cables can be mounted inside if necessary and the length (up to 100 meters) has no influence on the calibration of the load cell.

The digital technology eliminates the drift and hysteresis found in analog electronics as the capacitive measurement principle is digital.



It is possible to remove the load cell while of work without the need to recalibrate the load cell, which provides flexibility and easy troubleshooting.

Eilersen load cells are pre-calibrated which saves time during commissioning.

### Flexible solutions

Eilersen load cells are available in load cell capacities from 1kg up to 200t and in OIML (up to C6) and ATEX versions.

Eilersen weighing systems can be supplied with Profibus DP, Modbus, EtherCAT, Modbus RTU, RS485, ATEX and 4-20mA interface.

Requirements for specialized load cells, non-metallic and sensitive software can be fulfilled.



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## 艾勒森 - 称重专家

### 艾勒森数字称重传感器的优点

- 具有超强抗过载能力的称重传感器
- 称重传感器采用不锈钢材料生产，密封等级达到IP68（激光焊接）
- 高精度（高达OIML C6）
- 通过OIML和ATEX认证的称重传感器

- 称重传感器量程高达500T
- 机械和电气安装过程简单
- 最低的维护需求和简便的调试过程，拥有集成的称重传感器诊断功能
- 连接方式：Profibus DP、DeviceNet、EtherNet IP、EtherCAT、ProfiNET、RS485、RS232、4-20mA、0-10Vdc等。

## 艾勒森产品

- [适合工业应用的数字称重传感器](#)
- [适合连接到PLC、Scada、PC和控制系统的称重模块](#)
- [数字称重终端](#)
- [适合工业应用的耐用磅秤](#)
- [定制的称重传感器](#)

## 艾勒森称重应用

- [称重解决方案](#)
- [过程称重](#)
- [卫生称重](#)
- [料仓称重](#)
- [动态称重](#)
- [车载称重](#)
- [ATEX应用](#)
- [海上称重](#)
- [纸卷张力测量](#)
- [重型应用](#)
- [定制的称重解决方案](#)
- [磅秤](#)
- [ATEX磅秤](#)

- [台秤](#)
- [地磅](#)
- [卫生秤](#)
- [U型托板秤](#)
- [平台秤](#)
- [定制秤](#)

### **艾勒森服务与支持**

艾勒森团队有经验丰富的机电工程师和软件开发人员，他们根据客户的需求研发独特的定制解决方案，并提供技术支持和服务。

要了解艾勒森称重传感器和称重解决方案的详细信息，请致电 +45 49 180 100 或发送电子邮件了解您关心的问题。