

# Digital Load Cell for Weight Measurement

This digital load cell is designed for accurate weight measurement in industrial applications. It features robust construction and reliable performance, making it suitable for weighing scales and force measurement systems.



## Product Overview

### Precision Digital Load Cell

This high-precision digital load cell is engineered for rigorous industrial weighing applications requiring consistent accuracy. Featuring an IP68 protection rating, the unit is designed to withstand harsh environments while providing reliable weight measurements via a standard RS485 digital interface. It offers versatile capacity options and is ideal for integration into advanced force measurement and industrial scale systems.

## Performance Metrics

### Performance Highlights

**0.02 %F.S.**  
Combined Error

**3000**  
Max Division

**68 IP**  
IP Rating

## Technical Specifications

### Performance Parameters

Parameter	Value/Spec
Accuracy Class	C3
Output Signal	RS485
Baud Rate	19200 bps
Excitation Voltage	6-15V DC
Safe Load	150% Emax
Ultimate Overload	300% Emax

**Rated Load Capacities** | 30t, 40t, 50t, 60t

## Environmental Data

**Temperature Range** | -20°C to +50°C

## Mechanical Data

### Available Cable Lengths

- 13000
- 20000