

## The SWDC digital advantage

The Sensortronic SWDC digital load cell has an integrated microprocessor inside its stainless steel casing that converts a traditional analogue signal into a power charged digital communication. This technology upgrade brings many performance and maintenance benefits to the table that can be leveraged to reduce maintenance costs and maximise on opportunity

### A HIGHER STANDARD OF PRECISION

A C4 accuracy class device as determined by The International Organisation of Legal Metrology (OIML), the SWDC is 133% more precise with its displayed measurements than that of typical C3 class load cell standard. This puts the SWDC in a league above and makes it more suited for trade applications, reducing product give-away, an accumulative factor over time, by means of precise measurements

**A STRONGER SIGNAL** The SWDC has a output signal strength of up to 100X that of traditional analogue load cells

### FAST AND RELIABLE DATA TRANSFER

The SWDC sends information digitally in 'bit' format at a speed of 100 times per second. This means that weight data transmitted is not contaminated by external interferences or affected by changes in resistance through cabling and terminations that impact the accuracy of analogue load cells with seasonal temperature changes and over time. Therefore, the SWDC is less prone to weighing errors

### SYSTEM HEALTH IN REAL-TIME

A high level of error reporting made possible by the internal microprocessor, allows the SWDC to monitor system health via a compatible weight display. This can significantly reduce or eliminate costs entirely associated with fault diagnostics on-site that would typically require site attendance by a qualified technician.

### PRECISION CALIBRATIONS

The independent adjustment of each the load cell in a system, a service feature made possible by the SWDC via means of digital calibration adjustments, significantly reduces calibration times and calibration results are more precise than manually adjusting analogue load cells.

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