RST INSTRUMENTS

Monitor with Confidence

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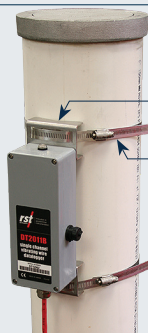
Certified System
ISO 9001

A DT2350 Load Cell Data Logger shown equipped with an optional antenna for use in an RSTAR Wireless System.

DT SERIES DATA LOGGERS

The DT2350 is part of the "DT Series" Data Loggers which are compatible with the RSTAR or DT LINK Wireless Systems. RST's RSTAR system uses wireless technology to provide automated data acquisition and DT LINK allows wireless collection of data logger data in hard to access areas.

BRACKET

CLAMP

The optional Pole Mount Kit includes a stainless steel pair of brackets and adjustable clamps.

ORDERING

ITEM	PART #
DT2350: 2 Channel Load Cell Data Logger	DT2350
Ultra-Rugged Field PC2	IC32000-AR2-RSTS
Cable Gland Nut Wrench	DT100
Pole Mount Kit	DT20XX-M2
8" Secondary Enclosure	DT2055-SE

OPTIONS

RSTAR L900 - automated wireless data collection

DT2055B DTLINK - wireless data collection

DT2350: 2 Channel Load Cell Data Logger

The DT2350 Load Cell Data Logger is a 2 channel data logger for resistance strain gauge load cells and other strain gauge sensors, pressure transducers, etc.

This DT2350 is part of RST's "DT Series" Data Loggers and is fully compatible with the RSTAR or DT LINK Wireless Data Collection Systems.

The DT2055-SE Secondary Enclosure houses the DT2350. The enclosure uses an 11mm nut driver to secure the removable cover.

The Cable Gland Nut Wrench (DT100) improves access to the glands when compared to a standard wrench.

> **APPLICATIONS**

Monitoring load cells

Anchor tests

Pile tests

> **FEATURES**

Precision full bridge measurement

Wireless data collection option

2 independent inputs

> **BENEFITS**

✓ **Improved Data Coverage**

SPECIFICATIONS

ITEM	SPECIFICATION
Analog Channels	2
Analog Sensors Supported	Bridge Transducers
Thermistor A/D Type	24 Bit Delta-Sigma
Resolution	0.001%
Zero Stability (Logger Only)	0.001%
Nonlinearity (Logger Only)	0.003%
Memory Type	4MB Flash
Memory Records	Up to 600,000 records of Date/Time, 2 Sensors
Memory Endurance Unpowered	100 years
Power Source	Lithium compact or standard cell battery (NOTE: standard cell required for radio use)
Battery Life	Up to 4 years (non-radio or RSTAR) or 3.5 years (DT LINK) (NOTE: specs based on 1 hour reading frequency and dependent on temperature and use)
Enclosure	NEMA 4X (IP65)
Dimensions	120 x 122 x 90 mm (4.72 x. 4.80 x 3.54 in.)

RST Instruments Ltd. reserves the right to change specifications without notice. ELB0053F AUG 18 2020

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