PRESENTED BY

NICOL SCALES & MEASUREMENT

AN ISO/IEC 17025:2017
ACCREDITED CALIBRATION COMPANY

DALLAS FT WORTH AUSTIN HOUSTON

NICOLSCALES.COM

800.225.8181

CONTACT US

NICOL SCALES & MEASUREMENT IS AN ISO ACCREDITED CALIBRATION COMPANY THAT HAS PROVIDED CALIBRATION, REPAIR AND SALES OF ALL TYPES OF WEIGHING AND MEASUREMENT PRODUCTS SINCE 1931.

SCT-1100

SIGNAL CONDITIONING TRANSMITTERS



RICE LAKE®
WEIGHING SYSTEMS

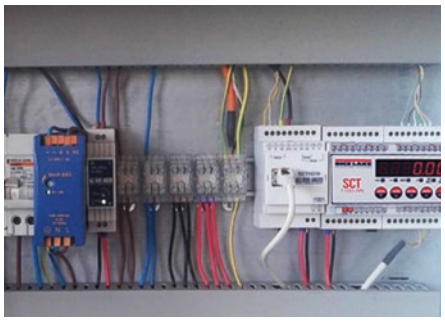
800-472-6703
www.ricelake.com



SCT-1100

SIGNAL CONDITIONING TRANSMITTERS

Total Control in a Compact Package



The ideal solution for PLC systems which require weight data from a scale, Rice Lake's SCT signal transmitters offer maximum control without the additional cost or space required of a traditional weight indicator.

These multi-function transmitters have a compact design while presenting the same signal-conditioning functions as a traditional weight indicator.

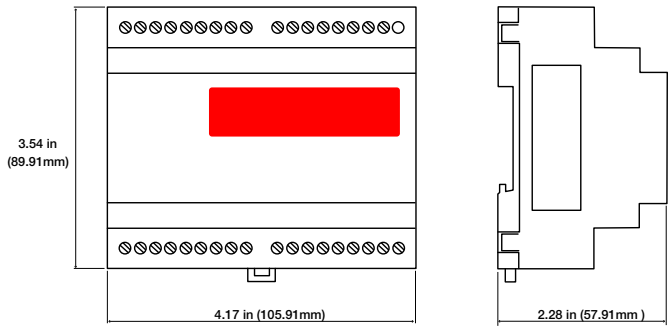
Utilized as an independent or dependent four-channel digital junction box, the SCT-1100 allows for the direct reading and diagnosis of each individual connected load cell or summed as a whole.

The ability to be DIN rail-mounted within a cabinet or control panel, permits a straightforward implementation into new and existing systems.

Integration is also made simple with a wide range of available fieldbus communications, as well as optional Bluetooth®, Wi-Fi and radio interfaces for external management.

Standard Features

- Quick menu for real and theoretical calibration
- 0.5 in (13 mm) red LED display and six LEDs to showing active functions
- Standard DIN rail-mounting with power supply and enclosures
- Configurable calibration and setup parameters from keyboard
- Up to three calibration linearization points or three from the keyboard
- Reading of the net, gross and tare weights, clearing, semi-automatic and presettable tare, scale switch, setting of outputs application thresholds
- Diagnostic information via serial port, message display, printing, setting of APW in counting mode, simulation of key pressure, Modbus RTU



Specifications

A/D Sample rate:	Four channel A/D 24-bit sigma-delta conversion, up to 200 conv. /sec. auto select
Resolution:	Internal Resolution: 1.3 million counts Weight Display Resolution: 1,000,000 minimum System Linearity: ± 0.01% full scale
Digital Inputs/ Outputs:	Two inputs: 12/24 VDC Two outputs:150 mA 48 VAC/ 150 mA 60 VDC
Display:	Six-digit (13 mm), red LED
Annunciators:	Net, center of zero, stability
Keyboard:	Five key, membrane panel, tactile feel Zero (Down), Tare (Up), Mode (Right), Print (Enter), C (On/Off)
Temperature & Humidity:	Working Temperature: 5°F to 104°F (-15°C to 40°C) Humidity: 85% non-condensing
Dimensions (W x H x D):	4.17 in x 3.54 in x 2.28 in (106 mm x 90 mm x 58 mm)
Rating/Material:	NEMA Type 1, plastic pluggable connectors
Warranty:	One-year limited warranty

Approvals

Measurement Canada Approved *pending*

c UL us LISTED

Your Rice Lake Weighing Systems distributor is:

RICE LAKE WEIGHING SYSTEMS

230 W. Coleman St. • Rice Lake, WI 54868 • USA
TEL: 715-234-9171 • FAX: 715-234-6967 • **www.ricelake.com**

An ISO 9001 registered company © 2020 Rice Lake Weighing Systems PN 185559 7/20
Specifications subject to change without notice.