PRESENTED BY

NICOL SCALES & MEASUREMENT

AN ISO/IEC 17025:2017
ACCREDITED CALIBRATION COMPANY

DALLAS FT WORTH AUSTIN HOUSTON

NICOLSCALES.COM

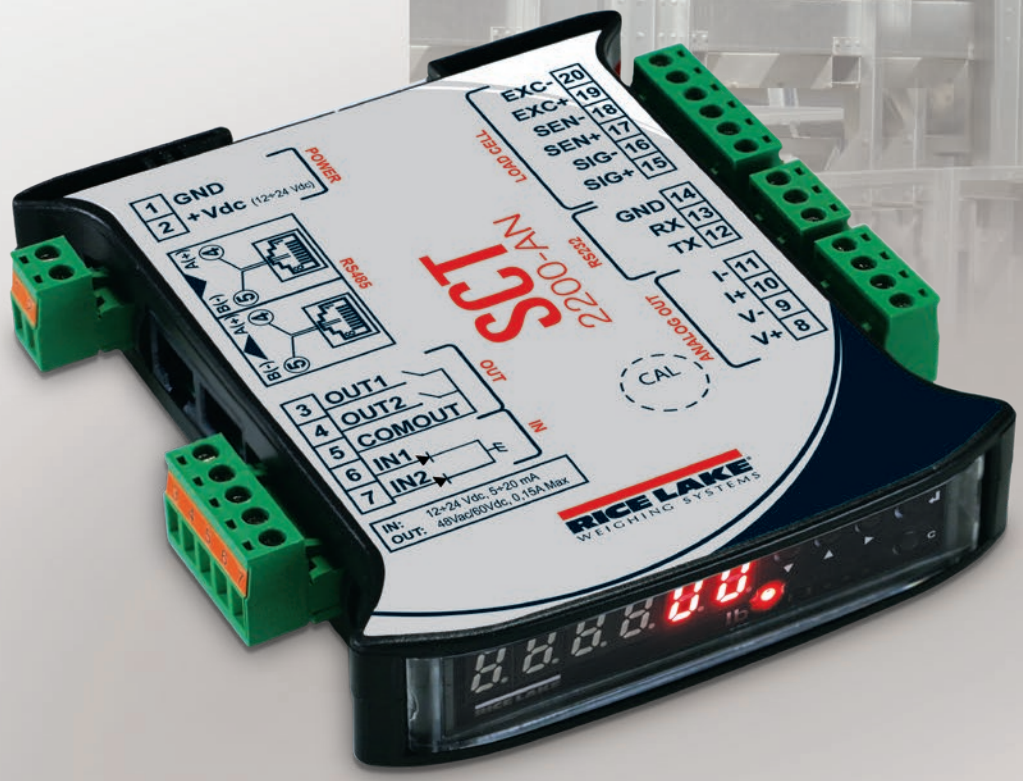
800.225.8181

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-2200

SIGNAL CONDITIONING
TRANSMITTERS



RICE LAKE®
WEIGHING SYSTEMS

800-472-6703
www.ricelake.com

SCT-2200

SIGNAL CONDITIONING TRANSMITTERS





Control in Miniature

For PLC systems that require weight data from a scale, Rice Lake's compact SCT transmitters deliver equivalent signal-conditioning function without the cost or bulk of a full size weight indicator/controller.

Rice Lake's SCT-2200 is DIN Rail mountable within a cabinet or control panel, where it converts a scale's load cell signals to analog output, serial output, or a specific network protocol. Unlike many other signal transmitters, the SCT-2200 has its own 0.3 inch weight display, with annunciators for unit and weighing status, and push buttons for zero, tare and setpoint entry, simplifying scale setup, calibration and operation.

Standard Features

- HUB Mode connects up to 16 transmitters to one fieldbus
- Quick menu for real and theoretical calibration
- 0.3 in (8 mm), red LED display with six-digits and six LEDs 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
- Double RS-485 port for a quick network connection
- Printer management on second serial port available
- Multi-range function allows for subdividing the scale capacity in two, each up to 3,000 divisions

Optional Features

- Optional Bluetooth®, Wi-Fi, radio interfaces for external management
- Optional 16-bit analog output integrated into the transmitter

Optional Protocols

- Analog Output
- Ethernet TCP/IP
- EtherNet/IP™
- DeviceNet™
- Profibus® DP
- Modbus/TCP
- Profinet
- EtherCAT
- CANopen

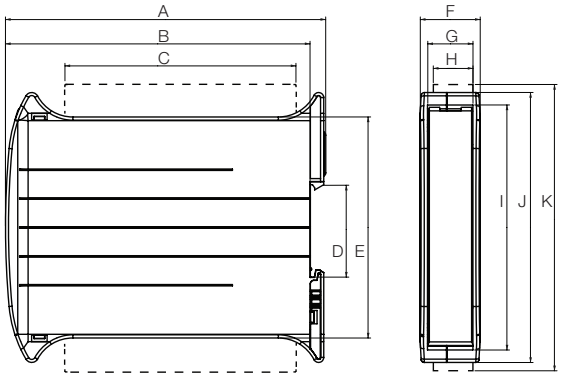
Specifications

A/D Sample Rate:	One channel A/D 24-bit sigma-delta conversion, up to 200 conv. /sec. auto select
Resolution:	Internal resolution: 1.5 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:	0.3 in (8 mm), six-digit, red LED
Annunciators:	Net, center of zero, stability
Keyboard:	Five-key, tactile feel Zero (Down), Tare (Up), Mode (Right), Print (Enter), C (On/Off)
Operating Temperature & Humidity:	Working Temperature: 5°F to 104°F (-15° C to 40° C) Humidity: 85% non-condensing
Dimensions (W x H x D):	0.98 in x 4.52 in x 4.72 in (25 mm x 115 mm x 120 mm)
Rating/Material:	NEMA Type 1 plastic pluggable connectors
Warranty:	One-year limited warranty

Approvals

Measurement Canada Approved *pending*

c UL us LISTED



SCT-2200 DIMENSIONS			
A	4.72 in (120 mm)	G	0.71 in (18 mm)
B	4.49 in (114 mm)	H	0.63 in (16 mm)
C	3.39 in (86 mm)	I	3.62 in (92 mm)
D	1.38 in (35 mm)	J	3.98 in (101 mm)
E	3.27 in (83 mm)	K	4.37 in (111 mm)
F	0.88 in (22.5 mm)		

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 185560 7/20
Specifications subject to change without notice.