



SCT2200 Pictured with optional EtherNet/IP Module

Approvals



Standard Features

- HUB mode connects up to 16 transmitters to one fieldbus
- Quick menu for real and theoretical calibration
- Remote access through web browser for weight monitoring and calibration over EtherNet/IP, Profinet and Modbus TCP network
- Red LED display
- DIN rail mountable
- Calibration using linearization points
- Reading of the net, gross and tare weights, clearing, semi-automatic and presettable tare setting of outputs application thresholds
- Diagnostic information via serial port, message display, printing, simulation of key pressure, Modbus RTU or ASCII protocol
- Two RS-485 port for "daisy-chain" 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
- Easy configuration with Rice Lake Tools software

Part Number/Price

| Part # | Description | Est. Weight | Price |
|---------------------|---|-------------|---------|
| Transmitters | | | |
| 202103 * | Indicator, SCT-2200 for scale input to be used with fieldbus module | 1 lb | Consult |
| 202104 * | Indicator, SCT-2200-AN with analog output | 1 lb | Consult |
| Fieldbus | | | |
| 182592 | Fieldbus, SCT-2200, Profinet module | 1 lb | Consult |
| 194343 | Fieldbus, SCT-2200, Ethernet TCP/IP and Wi-Fi | 1 lb | Consult |
| 182593 | Fieldbus, SCT-2200, Profibus module | 1 lb | Consult |
| 182591 | Fieldbus, SCT-2200, EtherNet/IP module | 1 lb | Consult |
| 182596 | Fieldbus, SCT-2200, DeviceNet module | 1 lb | Consult |
| 182598 | Fieldbus, SCT-2200, EtherCAT module | 1 lb | Consult |
| 182597 | Fieldbus, SCT-2200, CANopen module | 1 lb | Consult |
| 196694 | Fieldbus, SCT-2200, Modbus TCP module | 1 lb | Consult |
| 182599 | Cable with RJ45 plugs, 6 in length | 1 lb | Consult |
| 212772 ** | Fieldbus, SCT-2200, Profibus module | 1 lb | Consult |

NOTE: PN 182587 is superseded by 202103 and PN 182589 is superseded by 202104.

***How to Order the SCT-2200 for use with fieldbus module**

Order 1 RJ45 cable for every Scale module connected to a Fieldbus module.

** Compatible with 682 indicator

Options/Accessories

| Part # | Description | Est. Weight | Price |
|--------|--|-------------|---------|
| 88792 | 12VDC 1.2A DIN rail mount power supply | 1 lb | Consult |
| 119244 | 24VDC 1.3A DIN rail mount power supply | 1 lb | Consult |

Specifications

Power:

12/24 VDC

Power Consumption:

70 mA min to 100 mA max

Excitation Voltage:

5 VDC, 120 mA, 8 × 350 ohm load cells

Analog Signal Input Range:

± 39 mV

Analog Signal Sensitivity:

0.3 µV/graduation minimum

A/D Sample Rate:

One channel A/D 24-bit sigma-delta conversion, up to 200 conv./sec. auto select

Resolution:

Internal: 1,500,000 counts

Display: 800,000

Digital I/O:

Two inputs: 12/24 VDC

Two outputs: 150 mA 48 VAC/150 mA 60 VDC

Communication Ports:

(1) RS-485, (1) RS-232

Analog output (if equipped):

Opt isolated, 16-bit

0-20 mA, 4-20 mA (Maximum 350 ohm)

0-5 VDC, 0-10 VDC (Minimum 10,000 ohm)

Annunciators:

Net, center of zero, stability

Display:

Six-digit 0.31 in (8 mm), red LED

Keys/Buttons:

Five key, tactile feel

Zero (Down), Tare (Up), Mode (Right), Print (Enter),

C (On/Off)

Dimensions:

(L × H × D)

4.72 × 4.52 × 0.98 in

(120 × 115 × 25 mm)

Temperature & Humidity:

Certified: 14 °F to 104 °F (-10 °C to 40 °C)

Operating: 14 °F to 122 °F (-10 °C to 50 °C)

Humidity: 85% non-condensing

Rating/Material:

NEMA Type 1 plastic pluggable connectors

Weight:

1 lb (0.5 kg)

Warranty:

One-year limited

Approvals:

NTEP 20-046

Measurement Canada AM-6165C

OIML R76/2006-A-GB1-19.17

UKCA Marked

cULus Listed