



SCT2200 Pictured with optional EtherNet/IP Module

Approvals



Standard Features

- HUB mode connects up to 16 transmitters to one fieldbus
- Two RS-485 port for "daisy-chain" network connection
- 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
- 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NOTE: PN 182587 is superseded by 202103 and PN 182589 is superseded by 202104.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	12 VDC 1.2 A DIN rail mount power supply	1 lb	Consult
119244	24 VDC 1.3 A 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:

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