



### Standard Features

- Load cell status diagnostics
- USB port for quick programming
- Integrated fieldbus and web server for configuration, diagnostics and data backup
- Process up to 4800 weight readings per second. The high speed allows an extremely accurate weight filtering even with weighing being performed in milliseconds.
- Up to 120 updates per second on Fieldbus
- New power supply circuit of the load cells (up to 16) for a better weighing stability
- Power supply circuit with protections against overloads, polarity reversal and short circuits, specific for industrial environments
- Micro-USB communication port for configuration, diagnostics and data backup is available on all versions
- Modbus RTU protocol integrated on all versions, up to 110 updates per second
- Real-time warning of any faults or disconnections of the load cell
- The integrated web server allows full diagnostics, calibration and remote configuration of the weight transmitter from an Ethernet network
- Calibration via theoretical (mV/V), with sample weights, Web server or xSpeed software tool
- Easy configuration with Rice Lake Tools software

### Optional xSpeed Software

- Customization of the weighing filter, to maximize the speed and accuracy in static and dynamic applications
- Graphical weighing analysis for the identification of mechanical disturbances and vibrations. Oscilloscope function for system diagnostics and filter optimization.

### Part Number/Price

Part #	Description	Est. Weight	Price
216820	SCT-1SX-AN weight transmitter and analog output for DIN rail mount with digital I/O 2 IN and 4 OUT		Consult
216822	SCT-1SX-ETHIP weight transmitter and EtherNet/IP port for DIN rail mount with digital I/O 2 IN and 4 OUT, integrated web server		Consult
216821	SCT-1SX-PRONET weight transmitter and PROFINET port for DIN rail mount with digital I/O 2 IN and 4 OUT, integrated web server		Consult
216823	SCT-1SX-MODTCP weight transmitter and Modbus/TCP port for DIN rail mount with digital I/O 2 IN and 4 OUT, integrated web server		Consult

### 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
Consult	Alibi Memory for type-approved communication to PC/PLC (fiscal memory, max 120,000 weighs) built-in real time clock to print the date/time with PCB, screw terminal, plastic box		Consult
Consult	Real time clock for printing/displaying of date and time		Consult

### Specifications

- Power:**  
12 to 24 VDC, 5 W
- Power Consumption:**  
70 mA min to 100 mA max
- Excitation Voltage:**  
5V, 120 mA, 16 × 350 ohm load cells
- Analog Signal Input Range:**  
± 39 mV
- Analog Signal Sensitivity:**  
High resolution 0.01 µV/d  
Legal for trade 0.3 µV/e
- A/D Sample Rate:**  
Up to 4800 Hz
- Resolution:**  
Internal: 1,500,000 counts  
Display: 800,000  
Legal for Trade divisions  
Up to 10,000 e or multi-field 2 × 3,000 e
- Digital I/O:**  
Two inputs, configurable: 12 to 24 VDC  
Four outputs, configurable: 150 mA 48 VAC/ 150 mA 60 VDC
- Communication Ports:**  
(1) RS-485, (1) RS-232  
1 micro-USB port (device)  
Serial port update rate: up to 1600 Hz  
Fieldbus update rate: up to 120 Hz
- Analog Output (if equipped):**  
Opto. isolated, 16-bit  
0 to 20 mA, 4 to 20 mA (maximum 350 ohm)  
0 to 5 VDC, 0 to 10 VDC (minimum 10,000 ohm)
- Annunciators:**  
Net, center of zero, stability
- Display:**  
Six-digit (8 mm), red LED
- Keys/Buttons:**  
Five key, membrane panel  
zero (down), tare (up), mode (right), print (enter), C (on/off)
- Dimensions:**  
(L × W × H)  
4.72 × 0.9 × 4.0 in  
(120 × 23 × 112 mm)
- Temperature:**  
Certified: 14 °F to 104 °F (-10 °C to 40 °C)  
Operating: -4 °F to 140 °F (-20 °C to 60 °C)
- Humidity:**  
85% non-condensing
- Rating/Material:**  
Enclosure: ABS plastic
- Warranty:**  
One-year limited
- Approvals:**  
CE-M EN 45501  
2014/30/EU EMC  
2014/35/EU LVD  
2011/65/EU RoHS  
OIML R61 - MID  
OIML R76