

# SCT-4X

4-Channel Integrated Fieldbus Transmitter



INDICATORS /  
CONTROLLERS

## Standard Features

- Manage up to four load cells (one scale) or four scales with load cell feed circuit for greater weighing stability
- Process to 2,600 weight readings per second for single-channel
- 14.2 mm display with new configuration menu to simplify calibration and configuration
- All data and adjustments of each scale are available through integrated fieldbus with up to 120 updates per second
- Integrated web server allows complete diagnostics, calibration and remote configuration (not available on AN models)
- Frontal micro-USB communication port for configuration, diagnostics and data backup
- Removable terminal blocks to simplify wiring in the electrical panel
- RS-485 communication port always available on all versions
- Power supply circuit with protections, specific for industrial environment

## 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
216824	SCT-4XAN high speed weight transmitter and analog output for DIN rail mount with digital I/O, 2 IN, 2 OUT, keypad, LED display (does not include web server)		Consult
216825	SCT-4X-ETHIP high speed 4 channel weight transmitter and EtherNet/IP port for DIN rail mount with digital I/O 2 IN, 2 OUT, 5-key keypad, LED display		Consult
216826	SCT-4X-MODTCP high speed 4 channel weight transmitter and Modbus/TCP port for DIN rail mount with digital I/O 2 IN, 2 OUT, 5-key keypad, LED display		Consult
216827	SCT-4X-PRONET high speed 4 channel weight transmitter and PROFINET port for DIN rail mount with digital I/O 2 IN, 2 OUT, 5-key keypad, LED display		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

### Power Consumption:

5 W

### Excitation Voltage:

5 VDC, 120 mA  
up to 16 × 350 ohm cells

### Analog Signal Input Range:

± 39 mV

### Analog Signal Sensitivity:

0.3 μV/graduation minimum

### A/D Sample Rate:

24-bit A/D  
Single-channel up to 2,600 conv/sec  
4 channels up to 100 conv/sec

### Resolution:

Internal: 3,000,000 counts  
Display: up to 800,000  
Up to 8 linearization points

### Digital I/O:

Two inputs: 12/24 VDC  
Two outputs: 150 mA 48 VAC/ 150 mA 60 VDC

### Communication Ports:

1 Micro-USB port (device) for PC configuration  
(1) RS-485, (1) RS-232

### Analog Output (if equipped):

Opt. isolated, 16-bit  
0-20 mA, 4-20 mA (maximum 350 ohm)  
0 to 5 VDC, 0 to 10 VDC (minimum 10,000 ohm)

### Annunciators:

Nine LEDs

### Display:

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

### Keys/Buttons:

Five tactile keys  
Zeroing, Tare, function mode, manual data printing/  
sending, on/stand-by

### Dimensions:

(L × W × H)  
4.17 × 2.20 × 4.64 in  
(106 × 56 × 118 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:

80% RH, non-condensing

### Rating/Material:

NEMA Type 1 plastic pluggable connectors  
ABS

### Weight:

1 lb (0.5 kg)

### Warranty:

One-year limited

### Approvals:

CE-M EN 45501