

### Specifications

**Power:**

Input: 12 -24 VDC  
Power consumption: 5W

**Excitation Voltage:**

5 VDC, 240 mA, 16 x 350 Ω

**Analog Signal Input Range:**

+/- 39mV

**Analog Signal Sensitivity:**

0.1 μV/graduation minimum  
1.0 μV/graduation recommended

**A/D Sample Rate:**

600 Hz

**Resolution:**

Internal resolution: 16 million counts  
Weight display resolution: 999,999  
System linearity: ± 0.01% full scale

**Digital Inputs/Outputs:**

3 inputs 5-24 VDC, 5 outputs, 115 VAC/150 mA

**Serial Port:**

RS-485 or RS-232 simplex supports  
up to 115,200 bps

**Analog Output:**

Optoisolated, 16 bit  
0-20 mA, 4-20 mA (max 300 ohm)  
0-10 VDC, 0-5 VDC (min 10,000 ohm)

**Display:**

Backlit graphic LCD, transmissive  
128 x 64 pixel resolution, 60 x 32 mm visible area

**Keyboard:**

Five-key tactile keypad  
Test, Zero, Tare, Print Menu, Escape, Left and Up,  
Navigator, Enter

**Temperature & Humidity:**

Working temperature: -4° F to 140° F  
(-20° C to 60° C)  
Humidity: 85% non-condensing

**Dimensions (W x H x D):**

SCT converter (W x H x D):  
5.82 in x 3.62 in x 2.36 in  
(148 mm x 92 mm x 60 mm)

**Weight:**

1 lb (0.5 kg)

**Rating/Material:**

DIN rail mount: NEMA Type 1  
Sealed enclosure: NEMA Type 4/IP67, plastic  
enclosure, clear cover, six PG9 cord grips

**Warranty:**

One-year limited warranty



### Standard Features

- LCD display, 60 x 32 mm
- Supports up to eight independent reading channels for load cells
- Displays weight, configuration, calibration and error conditions
- DIN rail mounting
- Theoretical calibration, real-weight calibration and error conditions
- Push button or preset tare
- Converts digital weight to analog output or optional DeviceNet™, Profibus™ or EtherNet/IP™ protocols
- Supports ASCII or MODBUS RTU protocols
- Full scale analog cut put with zero setting and PLC correction of analog signal
- Bit swapping selection for little endian and endian format
- Three digital inputs, five digital outputs
- One serial port, RS-232 simplex and RS-485 connection
- CD manual



### Part Number/Price

| Part # | Description                 | Est. Weight | Price    |
|--------|-----------------------------|-------------|----------|
| 170470 | SCT-40 with Analog Output   | 1 lb        | \$595.00 |
| 170471 | SCT-40 with DeviceNet       | 1 lb        | \$850.00 |
| 170472 | SCT-40 with Profibus        | 1 lb        | \$850.00 |
| 170473 | SCT-40 with EtherNet/IP     | 1 lb        | \$850.00 |
| 170474 | SCT-40 with Ethernet TCP/IP | 1 lb        | \$795.00 |
| 170475 | SCT-40 with Modbus TCP      | 1 lb        | \$850.00 |
| 170476 | SCT-40 with Profinet I/O    | 1 lb        | \$850.00 |
| 131128 | Installation manual         | 1 lb        | \$25.00  |

*EtherNet/IP and Modbus output changed to Dual Port in 2019*