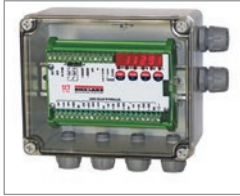
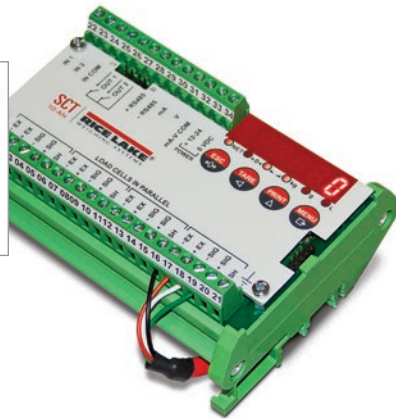


# SCT-10

Signal Conditioning Transmitter



SCT-10 in Plastic Enclosure



## Standard Features

- Converts digital weight to analog output
- Sums four input channels in parallel
- Theoretical calibration, real-weigh calibration, linearity calibration
- Push button or preset tare
- Full-scale analog output with zero setting and PLC correction of analog signal
- Displays weight, configuration, calibration and error conditions
- DIN-rail mounting, suitable for back panel
- Two digital inputs, two digital outputs
- One serial port, RS-232 simplex and RS-485 connection
- Supports ASCII or MODBUS-RTU protocols
- CD manual



## Part Number/Price

Part #	Description	Est. Weight	Price
129393	SCT-10 converter with Analog Output	1 lb	\$400.00
129394	SCT-10 converter with Analog Output in enclosure	1 lb	\$550.00
131129	Installation manual	1 lb	\$25.00

## Specifications

### Power:

Input: 12 -24 VDC  
Power consumption: 5 watts

### Excitation Voltage:

5VDC, 120mA, 8 x 350Ω

### Analog Signal Input Range:

+/- 19.5mV

### Analog Signal Sensitivity:

0.1 μV/graduation minimum  
1.0 μV/graduation recommended

### A/D Sample Rate:

80 Hz

### Resolution:

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

### Digital Inputs/Outputs:

2 inputs 5-24VDC, 2 outputs 24VDC/60mA N.O. or N.C. (solid state)

### Serial Port:

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

### Analog Output:

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

### Display:

0.3 in (8 mm), six digit, 7 segment LED  
Annunciators: Net, center of zero, stability, KG, G, LB  
Annunciators test status of inputs/outputs

### Keyboard:

4-key membrane panel, tactile feel  
Zero, Tare, Print, Menu, Escape, Left and Up Navigation, Enter

### Operating Temperature & Humidity:

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

### Dimensions (WxHxD):

DIN Rail Mount: 4.84 x 3.62 x 1.96 in  
(123 x 92 x 50 mm)  
IP67 Enclosure: 6.69 x 5.51 x 3.74 in  
(170 x 140 x 95 mm)

### Weight:

1 lb (0.5 kg)

### Rating/Material:

DIN Rail Mount: NEMA Type 1  
Sealed enclosure: NEMA Type 4X/IP67, plastic enclosure, clear cover, six PG 9 cord grips

### Warranty:

One-year limited warranty