

Specifications

Power:

Input: 12 -24 VDC
Power consumption: 5 watts

Excitation Voltage:

5VDC, 120mA, 8 x 350Ω

Analog Signal Input Range:

+/- 39mV

Analog Signal Sensitivity:

0.1 μV/graduation minimum
1.0 μV/graduation recommended

A/D Sample Rate:

300 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, 3 outputs 115VAC/150mA N.O. or N.C. (dry contact)

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 (min 10k ohm)

Display:

0.3 in (8 mm), six digit, seven segment LED
Annunciators: Net, center of zero, stability, KG, G, LB

Keyboard:

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

Operating 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: 0.98 x 4.52 x 4.72 in
(25 x 115 x 120 mm)

Weight:

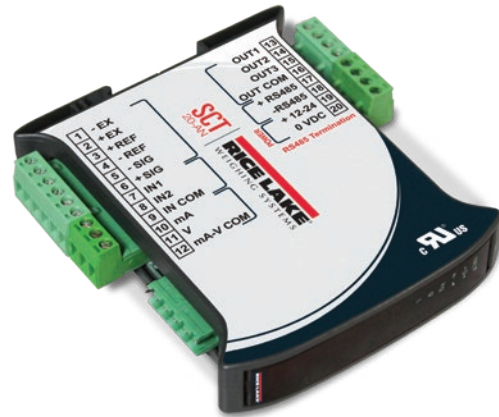
1 lb (0.5 kg)

Rating/Material:

SCT enclosure: NEMA Type 1 plastic pluggable connectors

Warranty:

One-year limited warranty



Standard Features

- Space saving, vertical shape with DIN-rail mounting
- Displays weight, configuration, calibration and error conditions
- Theoretical calibration, real-weigh calibration, linearity calibration
- Push button or preset tare
- Converts digital weight to analog output or optional DeviceNet™ or Profibus™ or EtherNet/IP™ protocol
- Supports ASCII or MODBUS-RTU protocols
- Full-scale analog output with zero setting and PLC correction of analog signal
- Bit swapping selection for little endian and big endian format
- Two digital inputs, three digital outputs
- One serial port, RS-232 simplex and RS-485 connection
- CD manual



Part Number/Price

Part #	Description	Est. Weight	Price
129396	SCT-20 converter with Analog Output	1 lb	\$400.00
129397	SCT-20 converter with DeviceNet™	1 lb	\$600.00
129558	SCT-20 converter with Profibus™ DP	1 lb	\$600.00
129398	SCT-20 converter with EtherNet/IP™	1 lb	\$750.00
132534	SCT-20 converter with Ethernet TCP/IP™	1 lb	\$750.00
156903	SCT-20 converter with Modbus/TCP	1 lb	\$750.00
131128	Installation manual	1 lb	\$25.00
NTEP Approved			
162883	SCT-20 converter with Analog Output	1 lb	\$475.00
162886	SCT-20 converter with EtherNet/IP single port	1 lb	\$825.00
162887	SCT-20 converter with Ethernet TCP/IP	1 lb	\$825.00

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