

Specifications

Power:

Input: 12 -24 VDC
Power consumption: 5 W

Excitation Voltage:

5 VDC, 120 mA, 8 x 350 ohm

Analog Signal Input Range:

+/- 39mV

Analog Signal Sensitivity:

0.3 μ V/graduation minimum
1.0 μ V/graduation recommended

A/D Sample Rate:

300 Hz

Resolution:

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

Digital Inputs/Outputs:

2 inputs 5-24 VDC, 3 outputs 115 VAC/150 mA
N.O. or N.C. (dry contact)

Serial Port:

RS-485 half duplex or RS-232 transmit only
supports up to 115,200 bps

Analog Output:

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

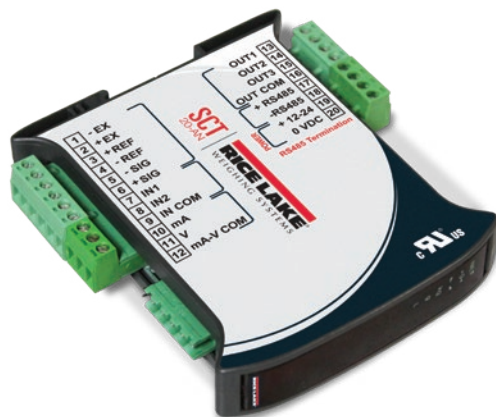
1 lb (0.5 kg)

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-485 half duplex or RS-232 transmit only connection

Approvals



Part Number/Price

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

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

Options/Accessories

Part #	Description	Est. Weight	Price
88792	12VDC 1.2A DIN rail mount power supply	1lb	Consult
119244	24VDC 1.3A DIN rail mount power supply.	1lb	Consult