

SCT-1100 and SCT-2200 Advanced Series

Signal Conditioning Transmitter/Indicator



APPROVALS



Pending



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	SCT-1100 Specifications	SCT-2200 Specifications
Power	12/24 VDC, Power Consumption: 70 mA min – 100 mA max	12/24 VDC, Power Consumption: 70 mA min – 100 mA max
Excitation Voltage	5VDC, 120 mA, 8 x 350 Ω	5 VDC, 120 mA, 8 x 350 Ω
Analog Signal Input Range	± 39 mV	± 39 mV
Analog Signal Sensitivity	0.03 μ V/graduation minimum 0.3 μ V/graduation recommended	0.03 μ V/graduation minimum 0.3 μ V/graduation recommended
A/D Sample Rate	Four channel A/D 24-bit sigma-delta conversion, up to 200 conv./sec. auto select	One channel A/D 24-bit sigma-delta conversion, up to 200 conv./sec. auto select
Resolution	Internal resolution: 1.5 million counts Weight display resolution: 800,000 minimum	Internal resolution: 1.5 million counts Weight display resolution: 800,000 minimum
Digital Inputs/Outputs	Two inputs: 12/24 VDC Two outputs: 150 mA 48 VAC/ 150 mA 60 VDC	Two inputs: 12/24 VDC Two outputs: 150 mA 48 VAC/ 150 mA 60 VDC
Serial Port	1-RS-485, 1-RS-232	1-RS-485, 1-RS-232
Analog Output (if equipped)	Opt isolated, 16-bit 0-20mA, 4-20mA (Maximum 350,000 ohm) 0-5VDC, 0-10VDC (Minimum 10,000 ohm)	Opt isolated, 16-bit 0-20mA, 4-20mA (Maximum 350,000 ohm) 0-5VDC, 0-10VDC (Minimum 10,000 ohm)
Display	Six-digit (13 mm), red LED Annunciators: Net, center of zero, stability	Six-digit (8 mm), red LED Annunciators: Net, center of zero, stability
Keyboard	Five key, membrane panel, tactile feel Zero (Down), Tare (Up), Mode (Right), Print (Enter), C (On/Off)	Five key, tactile feel Zero (Down), Tare (Up), Mode (Right), Print (Enter), C (On/Off)
Temperature & Humidity	Working Temperature: -15° C to 40° C Humidity: 85% non-condensing	Working Temperature: -15° C to 40° C Humidity: 85% non-condensing
Dimensions (W x H x D)	4.17 in x 3.54 in x 2.28 in (106 mm x 90 mm x 58 mm)	0.98 in x 4.52 in x 4.72 in (25 mm x 115 mm x 120 mm)
Weight	1 lb (0.5 kg)	1 lb (0.5 kg)
Rating/Material	NEMA Type 1 plastic pluggable connectors	NEMA Type 1 plastic pluggable connectors
Warranty	One-year limited warranty	One-year limited warranty

Standard Features

- Quick menu for real and theoretical calibration
- Red LED display (13mm) and six LEDs to showing active functions
- Standard DIN rail-mounting with power supply and enclosures
- Configurable calibration and setup parameters from keyboard
- Up to three calibration linearization points or three from the keyboard
- Reading of the net, gross and tare weights, clearing, semi-automatic and presettable tare, scale switch, setting of outputs application thresholds
- Diagnostic information via serial port, message display, printing, setting of APW in counting mode, simulation of key pressure

Standard Features

- HUB Mode connects up to 16 transmitters to one fieldbus
- Quick menu for real and theoretical calibration
- Red LED display with six-digits (8 mm) and six LEDs to showing active functions
- Standard DIN rail mounting with power supply and enclosures
- Configurable calibration and setup parameters from keyboard
- Up to three calibration linearization points or three from the keyboard
- Reading of the net, gross and tare weights, clearing, semi-automatic and presettable tare, scale switch, setting of outputs application thresholds
- Diagnostic information via serial port, message display, printing, setting of APW in counting mode, simulation of key pressure, Modbus RTU
- Double RS-485 port for a quick network connection
- Printer management on second serial port available

SCT-1100, 2200, SCT-10, 20, 30, and SCT-40

Signal Conditioning Transmitter/Indicator

SCT-1100

Part Number/Price

Part #	Description	Est. Weight	Price
182588	Indicator, SCT1100-AN 12-24VDC and, RS485/232 Serial Port, Analog Out DIN Mount, four load cell input	1 lb	Consult

SCT-2200

Part Number/Price

Part #	Description	Est. Weight	Price
Transmitters			
182587	Indicator, SCT2200 12-24VDC, and RS485/232 Serial Port, DIN Mount	1 lb	Consult
182589	Indicator, SCT2200-AN Analog Output, 12-24VDC, and RS485/232 Serial Port DIN Mount	1 lb	Consult
Fieldbus			
182592	Fieldbus, SCT2200, Profinet 12-24VDC, RS485 Connection and ProfiNet output DIN Mount	1 lb	Consult
182594	Fieldbus, SCT2200, Wi-Fi 12-24VDC, RS485 Connection and WiFi and TCP/IP Output DIN Mount	1 lb	Consult
182595	Fieldbus, SCT2200, Ethernet TCP/IP 12-24VDC, RS485 Connection and TCP/IP and MODBUS TCP output DIN Mount	1 lb	Consult
182593	Fieldbus, SCT2200, Profibus 12-24VDC, RS485 Connection and Profibus output DIN Mount	1 lb	Consult
182591	Fieldbus, SCT2200, EtherNet/IP 12-24VDC, RS485 Connection and EtherNet/IP output DIN Mount	1 lb	Consult
182596	Fieldbus, SCT2200, DeviceNet 12-24VDC, RS485 Connection and DeviceNet output DIN Mount	1 lb	Consult
182598	Fieldbus, SCT2200, EtherCAT 12-24VDC, RS485 Connection and EtherCAT output DIN Mount	1 lb	Consult
182597	Fieldbus, SCT2200, CANopen 12-24VDC, RS485 Connection and CANopen output DIN Mount		Consult
182599	Cable, SCT2200, RS485		Consult

SCT-30

Part Number/Price

Part #	Description	Est. Weight	Price
156794	SCT-30 converter with analog output	1 lb	Consult
156834	SCT-30 converter with analog output in enclosure	1 lb	Consult
88792	12 VDC 1.2A DIN rail mount power supply	1 lb	Consult
119244	24 VDC 1.3A DIN rail mount power supply	1 lb	Consult
131129	Installation manual	1 lb	Consult

SCT-40

Part Number/Price

Part #	Description	Est. Weight	Price
170470	SCT-40 with analog output	1 lb	Consult
170471	SCT-40 with DeviceNet output	1 lb	Consult
170472	SCT-40 with Profibus	1 lb	Consult
170473	SCT-40 with EtherNet/IP	1 lb	Consult
170474	SCT-40 with TCP/IP	1 lb	Consult
170475	SCT-40 with Modbus/TCP	1 lb	Consult
170476	SCT-40 with ProfiNet/I/O	1 lb	Consult
88792	12 VDC 1.2 A DIN rail mounted power supply	1 lb	Consult
119244	24 VDC 1.3 A DIN rail mounted power supply	1 lb	Consult
131128	Installation manual	1 lb	Consult

SCT-10

Part Number/Price

Part #	Description	Est. Weight	Price
129393	SCT-10 converter with analog output	1 lb	Consult
129394	SCT-10 converter with analog output in enclosure	1 lb	Consult
88792	12VDC 1.2 A DIN rail mounted power supply	1 lb	Consult
119244	24VDC 1.3 A DIN rail mounted power supply	1 lb	Consult
131129	Installation manual	1 lb	Consult

SCT-20

Part Number/Price

Part #	Description	Est. Weight	Price
129396	SCT-20 converter with analog output	1 lb	Consult
129397	SCT-20 converter with DeviceNet™ output	1 lb	Consult
129558	SCT-20 converter with Profibus™ DP	1 lb	Consult
129398	SCT-20 converter with EtherNet/IP™	1 lb	Consult
132534	SCT-20 converter with TCP/IP™ EtherNet	1 lb	Consult
156903	SCT-20 converter with Modbus/TCP	1 lb	Consult
88792	12 VDC 1.2A DIN rail mounted power supply	1 lb	Consult
119244	24 VDC 1.3A DIN rail mounted power supply	1 lb	Consult
131128	Installation manual	1 lb	Consult