NEW
SCT-1100 and SCT-2200
Signal Conditioning Transmitter/Indicator

APPROVALS

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SCT1100-AN with Analog Output

APPROVALS

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SCT2200 with EtherNet/IP Fieldbus Module

	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 µV/graduation minimum 0.3 µV/graduation recommended	0.03 µV/graduation minimum 0.3 µV/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	Internal resolution: 1.5 million counts Weight display resolution: 800,000
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 ohm) 0-5VDC, 0-10VDC (Minimum 10,000 ohm)	Opt isolated, 16-bit 0-20mA, 4-20mA (Maximum 350 ohm) 0-5VDC, 0-10VDC (Minimum 10,000 ohm)
Display	Six-digit 0.51 in (13 mm), red LED Annunciators: Net, center of zero, stability	Six-digit 0.31 in (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 (5° F to 104° F) Humidity: 85% non-condensing	Working Temperature: -10° C to 50° C (14° F to 122° F) 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

- Up to four independent scales or four load cell inputs
- Quick menu for real and theoretical calibration
- Red LED display (13mm) and six LEDs show 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
- Web browser weight monitoring and calibration over EtherNet/IP, Profinet and Modbus TCP network
- Red LED display with six-digits (8 mm) and six LEDs show 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
- Multi-range function allows for subdividing the scale capacity in two, each up to 3,000 divisions

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