

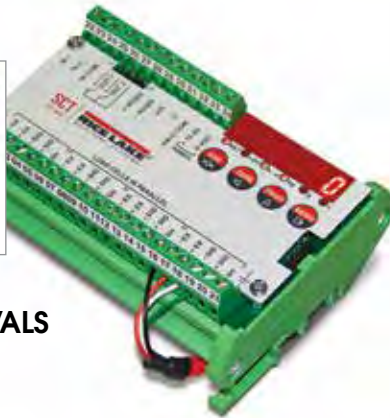
NEW SCT-10 and SCT-20

Signal Conditioning Transmitter/Indicator



SCT-10 in Plastic Enclosure

APPROVALS



APPROVALS



	SCT-10 Specifications	SCT-20 Specifications
Power	Input: 12 -24 VDC Power consumption: 5W	Input: 12 -24 VDC Power consumption: 5W
Excitation Voltage	5 VDC, 120 mA, 8 x 350 Ω	5 VDC, 120 mA, 8 x 350 Ω
Analog Signal Input Range	± 19.5 mV	±39 mV
Analog Signal Sensitivity	0.1 µV/graduation minimum 1.0 µV/graduation recommended	0.1 µV/graduation minimum 1.0 µV/graduation recommended
A/D Sample Rate	80 Hz	300 Hz
Resolution	Internal resolution: 16 million counts Weigh display resolution: 999,999 System linearity: ± 0.01% full scale	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)	2 inputs 5-24VDC, 3 outputs 115VDC/150mA N.O. or N.C. (dry contact)
Serial Port	RS-485 or RS-232 simplex supports up to 115,200 bps	RS-485 or RS-232 simplex supports up to 115,200 bps
Analog Output	Optoisolated, 16 bit 0-20 mA, 4-20 mA (max 300 ohm) 0-10 VDC, 0-5 VDC, -10 to 10VDC, 5 to 5VDC, (min 10,000 ohm)	Optoisolated, 16 bit 0-20 mA, 4-20 mA (max 300 ohm) 0-10 VDC, 0-5 VDC (min 10,000 ohm)
Display	0.3 in (8 mm), 6-digit, 7-segment LED Annunciators: Net, center of zero, stability, KG, G, LB Annunciators test status of inputs/outputs	0.3 in (8 mm), 6-digit, 7-segment LED Annunciators: Net, center of zero, stability, KG, G, LB
Keyboard	Four-key membrane panel, tactile feel Zero, Tare, Print, Menu, Escape, Left and Up navigation, Enter	Four-key membrane panel, tactile feel Zero, Tare, Print, Menu, Escape, Left and Up navigation, Enter
Temperature & Humidity	Working temperature: -4° F to 140° F (-20° C to 60° C) Humidity: 85% non-condensing	Working temperature: -4° F to 140° F (-20° C to 60° C) Humidity: 85% non-condensing
Dimensions (W x H x D)	DIN Rain Mount (W x H x D): 4.84 in x 3.62 in x 1.96 in (123 mm x 92 mm x 50 mm) IP67 Enclosure (W x H x D): 6.69 in x 5.51 in x 3.74 in (170 mm x 140 mm x 95 mm)	SCT converter (W x H x D): 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	DIN rail mount: NEMA Type 1 Sealed enclosure: NEMA Type 4/IP67, plastic enclosure, clear cover, six PG9 cord grips	SCT enclosure: NEMA Type 1 plastic pluggable connectors
Warranty	One-year limited warranty	One-year limited warranty

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

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