



SCT-10 in Plastic Enclosure

Approvals



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
- Supports ASCII or MODBUS-RTU protocols

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

Options/Accessories

Part #	Description	Est. Weight	Price
88792	12 VDC 1.2 A DIN rail mount power supply	1 lb	Consult
119244	24 VDC 1.3 A DIN rail mount power supply	1 lb	Consult
131129	Installation manual	1 lb	Consult
199687	DIN rail clip right & left end clamp		Consult

Specifications

- Power:**
Input: 12 to 24 VDC
- Power Consumption:**
5 W
- Excitation Voltage:**
5 VDC, 120 mA, 8 × 350 ohm load cells
- Analog Signal Input Range:**
± 19.5 mV
- Analog Signal Sensitivity:**
0.3 μV/graduation minimum
1.0 μV/graduation recommended
- A/D Sample Rate:**
80 Hz
- Resolution:**
Internal: 16,000,000 counts
Display: 999,999
- System Linearity:**
± 0.01% full scale
- Digital I/O:**
2 inputs 5-24 VDC, 2 outputs
24 VDC/60 mA
N.O. or N.C. (solid state)
- Communication Ports**
RS-485 or RS-232 simplex supports
up to 115,200 bps
- Analog Output:**
Opto isolated, 16 bit
0-20 mA, 4-20 mA (max 300 ohm)
0-10 VDC, 0-5 VDC, -10 to 10 VDC,
5 to 5 VDC, (min 10 k ohm)
- Annunciators:**
Net, center of zero, stability,
kg, g, lb
- Display:**
0.3 in (8 mm), six-digit, seven-segment LED
- Keys/Buttons:**
4-key membrane panel, tactile feel
Zero, Tare, Print, Menu, Escape,
Left and Up Navigation, Enter
- Dimensions:**
(L × W × H)
DIN Rail Mount: 4.84 × 3.62 × 1.96 in
(123 × 92 × 50 mm)
Enclosure: 6.69 × 5.51 × 3.74 in
(170 × 140 × 95 mm)
- Temperature & Humidity:**
Operating Temperature: -4 °F to 140 °F
(-20 °C to 60 °C)
Humidity: 85% non-condensing
- Rating/Material:**
DIN rail mount: NEMA Type 1
Enclosure: NEMA Type 4/IP67, plastic
Clear cover: six PG9 cord grips
- Weight:**
1 lb (0.5 kg)
- Warranty:**
One-year limited
- Approvals:**
cULus Recognized