NEW

Specifications

Power:
12 to 24 VDC

Power Consumption:
5 W

Excitation Voltage:
5 VDC, 230 mA
up to 16 × 350 ohm load cells

Analog Signal Input Range:
±39 mV

Analog Signal Sensitivity:
0.3 µV/graduation minimum

A/D Sample Rate:
24-bit A/D
Single channel up to 4,800 Hz

Resolution:
Internal: 4,000,000 counts
Display: up to 800,000
Up to 8 linearization points

Digital I/O:
Two inputs: 12/24 VDC
Two outputs*: 500 mA, up to 48 VAC or 60 VDC
*(up to six with option for analog version only)

Serial Ports:
One micro-USB port (device) for PC configuration
One RS-485
EtherNet /IP™ or PROFINET IO or Modbus TCP
(Fieldbus version)

Analog Output (if equipped):
Opt. isolated, 16-bit
0 to 20 mA, 4 to 20 mA (maximum 350 ohm)
0 to 5 VDC, 0 to 10 VDC (minimum 10,000 ohm)

Annunciators:
Nine LEDs

Display:
Six-digit 0.56 in (14.2 mm), red LED

Keys/Buttons:
Five tactile keys
Zeroing, Tare, function mode, manual data printing/
sending, On/Stand-by

Dimensions:
(L × W × H)
(100 × 53 × 136 mm)

Temperature:
Certified: 14 °F to 104 °F (-10 °C to 40 °C)
Operating: -4 °F to 140 °F (-20 °C to 60 °C)

Humidity:
85% RH, non-condensing

Rating/Material:
Aluminum IP65

Warranty:
One-year limited

Approvals:
CE-M EN 45501
UL

INDICATORS / CONTROLLERS

Standard Features

- Integrated web server allows complete diagnostics, calibration and remote configuration
- Real-time warning of any faults or disconnections of the load cell
- Configuration and calibration through Rice Lake Tools, XSpeed software or display navigation
- Power supply circuit with protections against overloads, polarity reversal and short circuits, specific for industrial environments
- Micro-USB communication and configuration port accessible from display for quick programming, diagnostics and data backup
- All scale data and adjustments are available through integrated fieldbus with up to 120 updates per second
- Removable terminal blocks to simplify wiring in the electrical panel
- Modbus RTU protocol integrated, up to 110 updates per second

Part Number/Price

Part #	Description	Est. Weight	Price
229189	SCT1PX-AN		Consult
229190	SCT1PX-PRONET		Consult
229191	SCT1PX-ETHIP		Consult
229192	SCT1PX-MODTCP		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
Consult	Alibi Memory for type-approved communication to PC/PLC (fiscal memory, max 120,000 weighs) built-in real time clock to print the date/time with PCB, screw terminal, plastic box		Consult
Consult	Real time clock for printing/displaying of date and time		Consult