

SCT-4XD Integrator

Belt/Bulk Material Instrumentation

NEW



Optional enclosure



Specifications

Power:

12 to 24 VDC

Power Consumption:

5 W

Excitation Voltage:

5 VDC, 120 mA (up to 16 × 350 ohm cells)

Analog Signal Input Range:

±39 mV

Analog Signal Sensitivity:

0.3 µV/graduation minimum

Sample Rate:

Single-channel up to 2,600 Hz, software selectable
4 channels up to 100 Hz, software selectable

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)

Digital I/O:

Two inputs: 12/24 VDC
Two outputs: 150 mA 48 VAC/150 mA 60 VDC

Communication Ports:

(1) RS-485 half duplex, (1) RS-232 full duplex
1 USB Micro B connector (device)
for PC configuration

Pulse Input:

Dual inputs for redundancy

Display:

Six-digit 0.31 in (8 mm), red LED

Keys/Buttons:

Flat membrane panel, tactile feel

Dimensions:

(L × W × H)
Overall: 10.5 × 6.26 × 12.5 in
(266 × 159 × 318 mm)

Mounting Tabs:

8.0 × 13.12 in
(203 × 333 mm)

Weight:

27 lb

Rating/Material:

NEMA 4X (if using supplied enclosure)

Warranty:

One-year limited

Approvals:

CE-M EN 45501

Standard Features

- Manage up to four load cells (one scale)
- Dual encoders and outputs for automatic test weight application
- Micro-USB communication port for configuration, diagnostics and data backup (RL Tools Software)
- All data and adjustments of each scale are available through integrated fieldbus (not available on AN models)
- Removable terminal blocks to simplify wiring in the electrical panel
- Power supply circuit with protections, specific for industrial environment

Options

- 1280 terminal with web server and system configuration menus
- Fieldbus: EtherNet/IP™, PROFINET IO, Modbus TCP/IP
- Analog output

Part Number/Price

Part #	Description	Price
Integrator Only		
225171	Digitizer only, 4 channel weight transmitter with Belt Scale Integrator firmware - no power supply or enclosure	Consult
225172	Modbus TCP/IP, 4 channel weight transmitter with Belt Scale Integrator firmware	Consult
225173	PROFINET, 4 channel weight transmitter with Belt Scale Integrator firmware	Consult
225174	EtherNet/IP, 4 channel weight transmitter with Belt Scale Integrator firmware	Consult
Integrator with Enclosure		
226132	Analog output, 24 VDC power supply, terminal blocks	Consult
226133	Modbus TCP/IP, 24 VDC power supply, terminal blocks	Consult
226134	PROFINET, 24 VDC power supply, terminal blocks	Consult
226135	EtherNet/IP, 24 VDC power supply, terminal blocks	Consult

Options/Accessories

Part #	Description	Price
228869	1280 terminal, 7-inch touch screen and tactile keypad, universal enclosure with tilt stand	Consult
Consult	1280 terminal, 7-inch touch screen (only) for panel/surface mount	Consult
88792	Power supply, IDEC 12 VDC DIN rail mount, 1.3 Amp, input: 85 to 264 VAC, 100 to 370 VDC 15W	Consult
119244	Power supply, 24VDC 1.3 A DIN mount input 90 to 264 VAC, 120 to 370 VDC, UL E135494	Consult

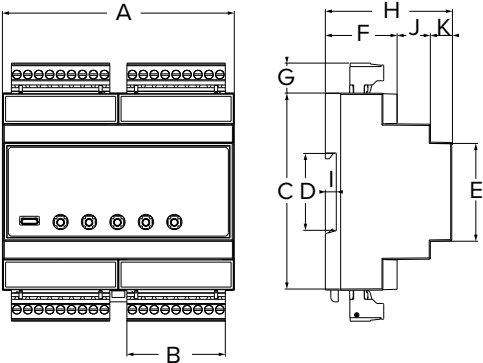


Optional HMI terminal with web server

BELT SCALES

Dimensions

SCT-4XD			
A	4.17 in(106 mm)	G	0.54 in (13.7 mm)
B	1.77 in (45 mm)	H	2.28 in (58 mm)
C	3.54 in (90 mm)	I	0.20 in (5 mm)
D	1.38 in (35 mm)	J	0.59 in (15 mm)
E	1.77 in (45 mm)	K	0.39 in (10 mm)
F	1.30 in (33 mm)		



Dimensions

SCT-4XD Enclosure			
A	10.50 in (267 mm)	C	13.12 in (333 mm)
B	8.00 in (203 mm)	D	12.50 in (318 mm)
E	6.26 in (159 mm)		

