Specifications

Power
Input voltages: 100 to 240 VAC; 9 to 36 VDC
Input frequency: 50/60 Hz

Power Consumption:
AC: 15 watts; DC: 20 watts

Excitation Voltage:
10 VDC 8 × 350 ohm (16 × 700 ohm) load cells

Analog Signal Input Range:
-45 mV to 45 mV

Analog Signal Sensitivity:
0.3 μV/graduation minimum at 7.5 Hz;
1.0 μV/graduation typical at 120 Hz

Sample Rate:
7.5 to 120 Hz, software selectable

Resolution:
Internal: 8,000,000 counts 23-bit
Display: 100,000

System Linearity:
± 0.01% full scale

Digital I/O:
Four I/O onboard primary keys, pseudo functions, batching functions

Communication Ports:
RS-232 full duplex or RS-485 half duplex; USB 2.0 Micro B connector; Ethernet TCP/IP

Pulse Input:
Dual inputs for redundancy

Display:
LCD display, 0.8 in, seven-digit, seven-segment weight display, 3 × 20 pixelated prompt area

Annunciators:
Load, total, rate, speed, zero

Keys/Buttons:
Flat membrane panel, tactile feel

Temperature:
Industrial: 14 °F to 122 °F (-10 °C to 50 °C)

Dimensions:
(L x W x H)
9.93 × 4.00 × 8.94 in

Weight:
12 lb (5.4 kg)

Rating/Material:
IP66
Stainless steel

Warranty:
Two-year limited

EMC Immunity:
18 KV, 10 V/m

Approvals:
CE Approved
cULus Listed

Approvals

Standard Features

- LCD display
- Hardware slot for two option cards
- Operator access to audit trail, preset tare, accumulator, time and date and setpoints through menu keys
- Password protected audit trail tracking for configuration and calibration changes
- Setpoints for control and alarms
- Four onboard digital I/O channels
- Four programmable ticket formats up to 1,000 characters
- Filter settings for noise
- Speed inputs

Part Number/Price

Part #	Description	Price
Integrators		
177708	120 VAC	Consult
180847	220 VAC Euro power cord	Consult
184683	9 to 36 VDC	Consult

Options/Accessories

Part #	Description	Price
190527	Digital I/O	Consult
190528	Single analog	Consult
190529	Relay interface, not for totalizer pulse count output	Consult
177850	Panel mount option 880	Consult
197724	Overlay, clear protective	Consult
Network Cards		
190530	EtherNet/IP	Consult
190531	DeviceNet	Consult
190532	PROFINET	Consult
190534	PROFIBUS	Consult
190533	Modbus TCP/IP	Consult
190535	EtherCAT	Consult

Please complete the Belt Scale Application on page 162 to obtain a quote

BELT SCALES

Dimensions

882D Belt Scale Integrator			
A	9.93 in (252 mm)	F	0.63 in (16 mm)
B	8.10 in (206 mm)	G	4.31 in (110 mm)
C	6.50 in (165 mm)	H	4.14 in (105 mm)
D	8.94 in (227 mm)	I	4.32 in (110 mm)
E	0.68 in (17 mm)		