

882D Belt Scale Integrator



Standard Features

- LCD display, 0.8 in seven-digit, seven-segment weight display, 3 x 20 pixelated prompt area
- RS-232 or RS-485 serial port
- USB device port connects directly to a PC
- Ethernet TCP/IP polled or continuous
- AC or DC models
- Hardware slot for two option card
- Operator functions through menu key for audit trail, preset tare, accumulator, time & date and setpoints
- Audit trail tracking for configuration and calibration changes. Password protection for user and configuration changes.
- Setpoints for control and alarms
- Four onboard digital I/O channels
- Four programmable ticket formats up to 1,000 characters
- Filter settings for light, medium and heavy noise
- Speed inputs

Options:

- Analog output
- Relay board
- Ethernet/IP/Profinet/Modbus TCP/DeviceNet/Profibus/EtherCAT
- Digital I/O

Approvals



Specifications

Power

Input voltages: 100-240 VAC; 9-36 VDC
Input frequency: 47-63 Hz

Power Consumption:

AC: 15 watts; DC: 20 watts

Excitation Voltage:

10 VDC 8 x 350 Ω (16 x 700 Ω) load cells

Analog Signal Input Range:

-45 mV to 45 mV

Analog Signal Sensitivity:

0.3 μ V/graduation minimum at 7.5 Hz;
1.0 μ V/graduation typical at 120 Hz

Sample Rate:

7.5 to 120 Hz, software selectable

Resolution:

Internal: 8 million counts 23 bit weight display;
100,000

System Linearity:

\pm 0.01% full scale

Digital I/O:

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

Circuit Protection:

18 KV, 10 V/meter

Communication Ports:

RS-232 full duplex or RS-485 half duplex; USB
micro A/B connector 2.0; Ethernet TCP/IP

Pulse Input:

Dual inputs for redundancy

Display:

LCD display, seven-digit, seven-segment weight
display, 3 x 20 pixelated prompt area

Status Annunciators:

Load, total, rate, speed, zero

Keyboard:

Flat membrane panel, tactile feel

Operating Temperature:

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

Dimensions (W x H x D):

9.87 x 9.38 x 4.33

Weight:

12 lb (5.4 kg)

Material:

Stainless steel

Rating:

IP66

Warranty:

Two-year limited warranty

Approvals:

CE Marked (pending)
UL/c-UL Listed (pending)

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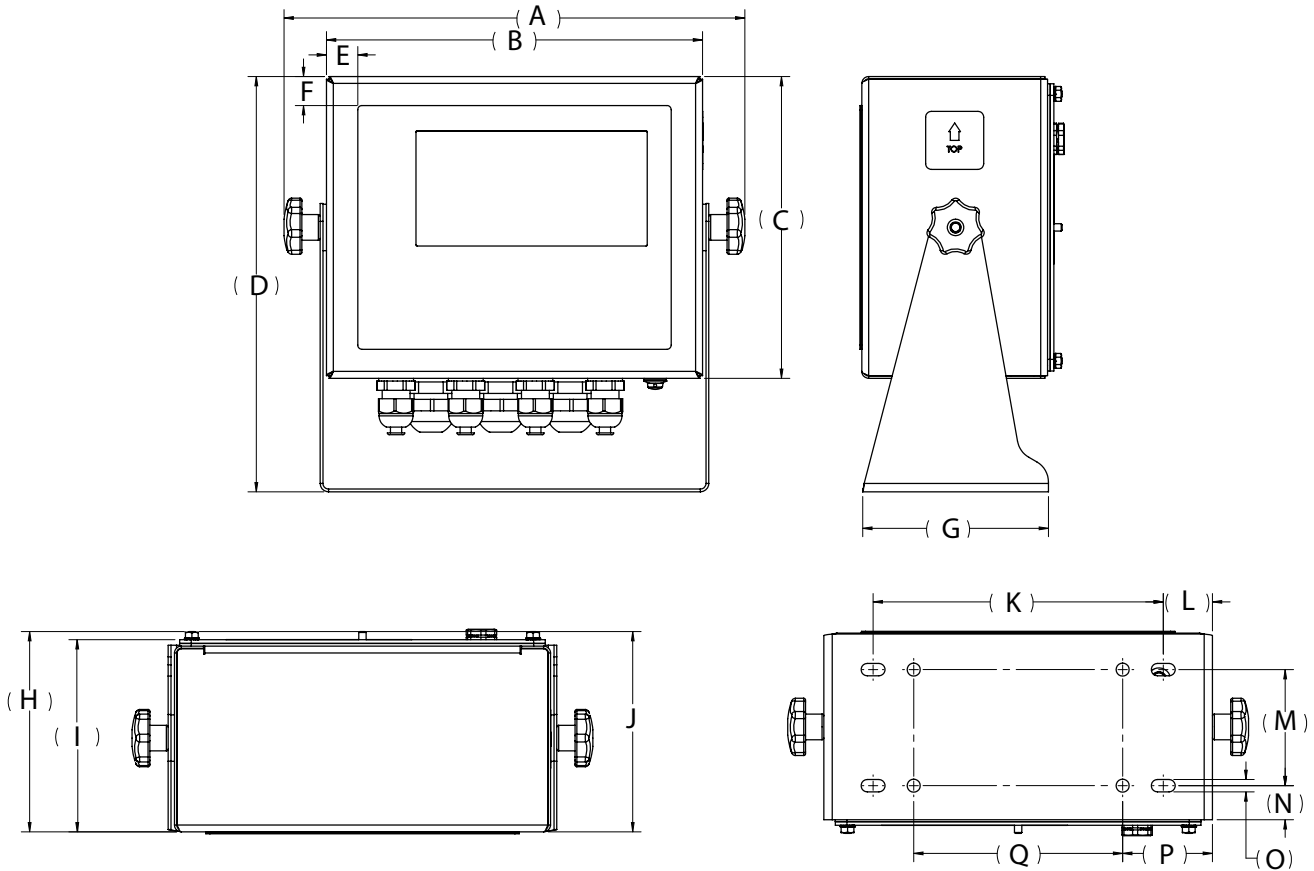
Part Number/Price

Part #	Description	Price
Integrators		
177708	120 VAC	\$1,838.00
180847	220 VAC Euro power cord	\$1,838.00
184683	9-36 VDC	\$1,977.00

Options/Accessories

Part #	Description	Price
190527	882D option, digital I/O	\$310.00
190528	882D option, single analog out	\$360.00
190529	882D option, relay interface	\$410.00
Network Cards		
190530	882D option, Ethernet/IP	\$575.00
190531	882D option, DeviceNet	\$575.00
190532	882D option, ProfiNet	\$575.00
190534	882D option, Profibus	\$575.00
190533	882D option, Modbus TCP	\$575.00
190535	882D option, EtherCAT	\$575.00

Please complete the Belt Scale Application on page 173 to obtain a quote



Dimensions

A	9.93 in (252.2 mm)	J	4.32 in (109.7 mm)
B	8.10 in (205.7 mm)	K	6.25 in (158.8 mm)
C	6.50 in (165.1 mm)	L	1.06 in (26.9 mm)
D	8.94 in (227.1 mm)	M	2.50 in (63.5 mm)
E	0.68 in (17.3 mm)	N	0.73 in (18.5 mm)
F	0.63 in (16 mm)	O	0.27 in (6.9 mm)
G	4.00 in (101.6 mm)	P	1.93 in (49 mm)
H	4.31 in (109.5 mm)	Q	4.50 in (114.3 mm)
I	4.14 in (105.2 mm)		