# 882D Belt Scale Integrator

### Approvals

cULus LISTED    CE

## Standard Features

- LCD display
- Hardware slot for two option cards
- Operator access to audit trail, preset tare, accumulator, time & 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 | Consult |
| **190535** | EtherCAT | Consult |

*Please complete the Belt Scale Application on page 158 to obtain a quote*

## 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

**Operating 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

**BELT SCALES**

# 882D Belt Scale Integrator

## 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) | | |

**BELT SCALES**