

882D Belt Scale Integrator



Standard Features

- LCD display, 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 cards
- 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

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 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 million counts 23 bit weight display:
100,000
- System Linearity:**
± 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: -10° C to 50° C
- Dimensions (W x H x D):**
Universal: 250,7 x 238 x 110mm
- Weight:**
Universal: 5.4 kg
- Rating:**
IP66
- Material:**
Universal: stainless steel
- Warranty:**
Two-year limited warranty
- Approvals:**
CE Marked
UL/c-UL Listed
- ## Options
- Analog Output:**
16-bit resolution, 0-10 VDC, 0-20 mA, 4-20 mA
- Relay Board:**
Four dry contact relays; DC Max: 30 VDC at 3 amps
AC max: 250 VAC at 3 amps per contact
- EtherNet/IP Interface:**
According to EN 50325-2
- Profinet Interface:**
According to IEC 61784 (CPF-3/3)
- Modbus/TCP Interface:**
Up to 8 bytes of I/O data, 100Mbps full duplex Ethernet
- DeviceNet Interface:**
According to EN 50325-2
- Profibus DP Interface:**
According to EN 50170
- EtherCAT**
According to IEEE 802.3
- Digital I/O**
24 channel I/O expansion boards available

Part Number/Price

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

Options/Accessories

Part #	Description	Price
164684	1280 option, digital I/O	Consult
165366	1280 option, single analog out	Consult
179157	Relay board, four dry contact outputs	Consult
164689	1280 option, relay interface	Consult
Network Cards		
165792	1280 option, Ethernet/IP	Consult
165793	1280 option, DeviceNet	Consult
165794	1280 option, ProfiNet	Consult
165795	1280 option, Profibus	Consult
165796	1280 option, Modbus TCP	Consult
179533	1280 option, EtherCAT	Consult