



Rice Lake 882D Belt Scale Integrator 120 VAC

Specifically designed with belt scales in mind, the 882D delivers the required data in a compact package. Featuring iRite™ programmability, it can be customized to control product dosing or manage metering. The 882D's backlit display makes viewing rate, speed and time convenient in virtually any lighting condition



Manufacture: Rice Lake
SKU: 177708
Weight: 12.00 lb

**Please Call
(800)832-0055**

Please call 1-800-832-0055 if you need help with your order.

Features

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- 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 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	16-bit resolution, 0-10 VDC, 0-20 mA, 4-20 mA
Relay Board	Four dry contract 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, 100 Mbps 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

Specifications

Model	177708	882D 180847	184683
Power	120V Power - AC	220 VAC Euro power cord	9-36 VDC
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
Operating Temperature	14° F to 122° F (-10° C to 50° C)
Status Annunciators	Load, total, rate, speed, zero
Keyboard:	Flat membrane panel, tactile feel
Dimensions (W x H x D)	Universal: 9.87 x 9.38 x 4.33
Weight	Universal: 12 lb (5.4 kg)
Rating	IP66
Material	Stainless steel
Warranty	Two-year limited warranty
Approvals	CE Marked (pending) UL/c-UL Listed (pending)

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Contact US

718-336-5900

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About Us

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