920i® Belt Scale Integrator

Approvals

cULus LISTED   CE

Standard Features

- Large LCD graphical display
- Four bidirectional communication ports
- Rate time and speed time displayed by the hour, minute or second
- Measurement displayed in feet or meters
- Unit of rate displayed in tons, pounds, kilograms, metric tons or long tons
- Digital I/O for totalizer
- Optional analog and alarm outputs
- For added security, integrator has the ability to be password protected
- Multiple communication ports
- Built-in support for ticket printing

Part Number/Price

Part #	Description	Price
Integrators		
95214	Belt scale integrator 115 VAC, deep enclosure	Consult
95215	Belt scale integrator 230 VAC, deep enclosure	Consult
170693	Belt scale integrator, panel mount	Consult
170694	Belt scale integrator, wall mount	Consult
107615	Belt scale integrator with UPS 115 VAC	Consult
107616	Belt scale integrator with UPS 230 VAC	Consult
120550	Belt scale integrator with deep enclosure, two slot expansion, EtherNet IP, 115 V	Consult
120551	Belt scale integrator with deep enclosure, two slot expansion, EtherNet IP, 230 V	Consult
150811	Belt scale integrator with deep enclosure, two slot expansion, analog output	Consult
69782	Two-slot expansion board (wall mount)	Consult
71743	Two-slot expansion board (panel mount & deep universal)	Consult
98057	Ethernet TCP/IP, wireless LAN card 802.11 b/g	Consult
87803	Ethernet IP	Consult
67602	Analog output: selectable 0 to 10V, 0 to 20 mA	Consult

Please complete the Belt Scale Application on page 155 to obtain a quote
See Indicators for additional 920i options

Specifications

Power Consumption:
340 mA, maximum at 115 VAC (26 W)
240 mA at 230 VAC (26 W)

Excitation Voltage:
10 ± VDC, 16 × 350 ohm or 32 × 700 ohm load cells per A/D card

Analog Signal Input Range:
-10 mV to 45 mV

Analog Signal Sensitivity:
0.3 µV/graduation minimum at 7.5 Hz
1.0 µV/graduation typical at 120 Hz
4.0 µV/graduation typical at 960 Hz

A/D Sample Rate:
7.5 to 960 Hz, software selectable

Resolution:
Internal : 8,000,000 counts

System Linearity:
± 0.01% full scale

Line Voltages:
115 or 230 VAC,
Frequency: 50 or 60 Hz

Digital I/O:
Six I/O channels on CPU board; optional 24-channel I/O expansion boards available

Circuit Protection:
RFI, EMI, ESD protection

Communication Ports:
Four ports on CPU board support up to 115,200 bps; optional dual-channel serial expansion boards available
Port 1: Full duplex RS-232
Port 2: RS-232 with CTS/RTS; PS/2 keyboard interface via DB-9 connector
Port 3: Full duplex RS-232, 20 mA output
Port 4: Full duplex RS-232, 2-wire RS-485, 20 mA output

Display:
(W × H)
4.6 × 3.4 in
(116 × 86 mm)
320 × 240 pixel VGA liquid crystal display (LCD) module with adjustable contrast

Keys/Buttons:
27-key membrane panel, tactile feel, PS/2 port for external keyboard connection

Dimensions:
(L × W × H)
Universal:
10.56 × 4.61 × 10.87 in
(268 × 117 × 276 mm)
Deep Universal:
10.76 × 5.36 × 10.87 in
(273 × 136 × 276 mm)

Temperature Range:
Certified: 14 °F to 104 °F (-10 °C to 40 °C)
Operating: 14 °F to 122 °F (-10 °C to 50 °C)

Rating/Material:
NEMA Type 4X/IP6 6 stainless steel

Weight:
Panel Mount Enclosure: 8.5 lb (3.9 kg)
Deep Universal: 11 lb (5.0 kg)

Warranty:
Integrator and load cells: two-year limited

Approvals:
CE Marked
cULus Listed (universal, deep and wall mount enclosure)
Custom wall mount approved for 508A (optional)
Panel mount UL recognized

BELT SCALES