



Series 460

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Specifications

COMMUNICATIONS

- Port 1 RS232 Full Duplex or
- Port 1 RS485 Multi-drop optional or
- Port 1 20mA Current Loop optional
- Port 2 RS232 Full Duplex, no RTS on COMM 2
- Protocols Modbus
- Baud Rates 150 - 58,300K bps
- Custom Transmit Tables 4 - user defined RS-232 output tables
- Input Interpreter Tables 15 - user defined RS-232 input tables

DISPLAY

- VFD Bright 6 digit .75" (23.3mm) Vacuum Fluorescent (VFD) with 2x5 (10 character) dot matrix for scale status and operator prompting

ELECTRICAL

- Signal Input Sensitivity 0.1 - 20mV/V
- Signal Connection 4 or 6 conductors with sense leads
- Excitation Current 350mA, short circuit protected
- Excitation 10 VDC short circuit

Features

- Selectable Weighing Units
- VFD Display
- Remote Tar, Print, Zero
- Panel Mounting
- AC or DC Operation
- 15 Macros
- 15 Data Registers

Options

- Multi-Scale Module
- Analog Output Module

Voltage	protected	
□Power Requirement	AC, 90 - 250VAC, 50/60Hz	□ I/O Relay Module
□Power Requirement	DC, 10 - 32VDC	RS485 Module
□Fuse	0.8A Slo-Blow (when using AC power)	□
ENCLOSURE		20 mA Current Loop
□Keypad	Durable elastomeric (rubber), 5 Key (Zero, Print, Units, Tare, Select)	□ Alpha Keyboard
□Stainless Steel	Nema 4X, IP66 design	□
□Shipping Weight	7lb.	Dura-Shield
PERFORMANCE		□
□Full Scale(F.S.)	Selectable 0.01 to 999,990	ReFlash Software
□Resolution	20 bit A/D converter, 100,000d(+/-500,000 internal)	□ DeviceNet
□A/D Conversion	60Hz	□
□Flash Memory	512k Bytes	Profibus
□Calibration	Selectable, 5 point linearization or enter L.C. mV/V F.S.	□
□A/D Filtering	GSE FIR(Finite Input Response) Filter with selectable display update rate	Rabbet Software
□Units of Measure	4 user defined per scale	□
□Custom Units	2 user defined per scale (i.e.. Tons)	
□Zero Adjustment	Selectable, 0.01 - 100% F.S.	
□Non-Linearity	0.005%FS, L.C. Dependent	
□Operating Temp	-10 Degrees Centigrade - +40 Degrees Centigrade	
□Time/Date Clock	Volatile, battery backed optional	
□Warranty	2 year limited	

Applications

Truck Weighing Programs

Checkweighing Routines

Parts Counting and Inventory Control

SETPOINT I/O

□ I/O Scan Rate	16ms maximum
□ Number of I/O	8 maximum physical, optional
□ Number of I/O	16 Total (8 physical, 8 logical)
□ Output Voltage Rating	20 - 240 VAC @1A
□ Output Voltage Rating	30 - 60 VDC @2A
□ Input Voltage Rating	60 - 135 VAC
□ Input Voltage Rating	200 - 250 VAC
□ Input Voltage Rating	3 - 30 VDC
□ I/O Timer Resolution	10mx
□ Remote Contact Input	2 total for TARE, PRINT, START, STOP, etc.
□ Remote Contact Input	Invokes macros 6 & 7 if programmed

□ Filling and Batching

□ Mult-Range Scale Indication

□ Peak Weight Hold