

A4

Digital Amplifier

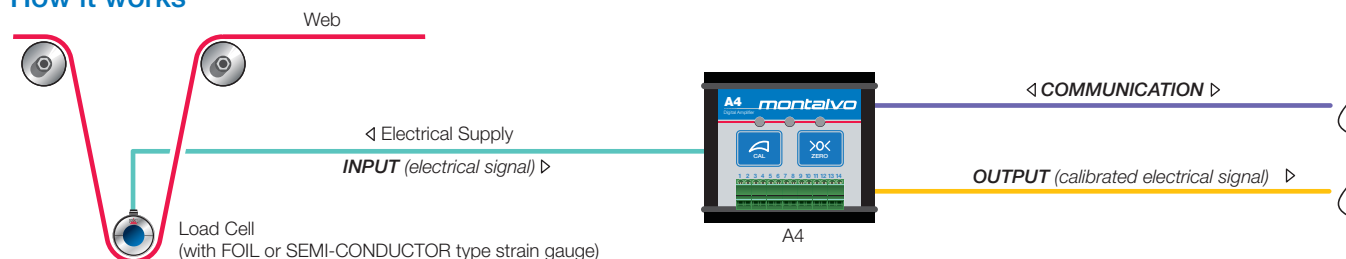
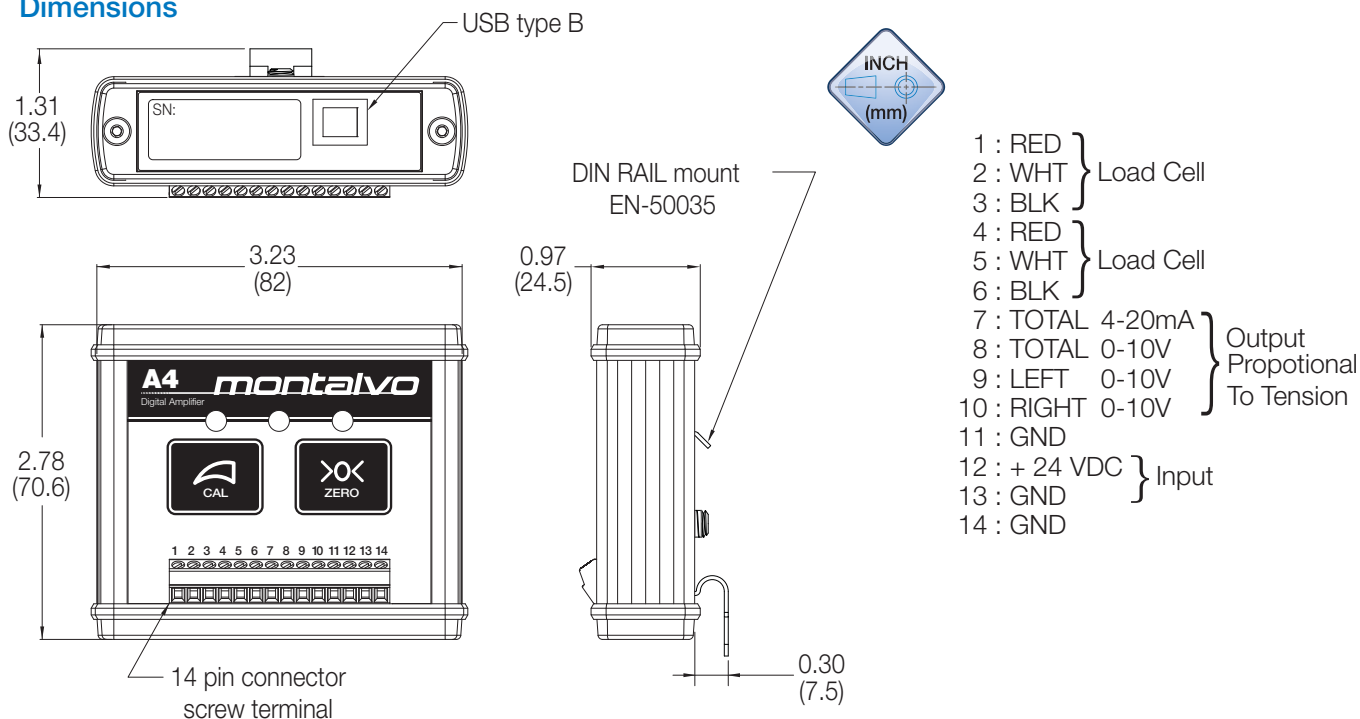
**Montalvo A4 Digital Amplifier**

The A4 Digital Amplifier combines simplicity & functionality in one small convenient package. It has been engineered to meet the demands of today's industry while making operation simple for any user.

Features

- ▶ **One Button Calibration**
- ▶ **Auto Fault/Damage Detection** of load cells
- ▶ **Drive & PLC Integration** to control tension or trim
- ▶ **USB** for remote calibration & monitoring
- ▶ **3 Channel Output** - Left, Right & Total monitoring
- ▶ **Multiple Signal Output** 4-20mA, 0-10V or 0-100µA selectable
- ▶ **Digital or Analog** meter output
- ▶ **24 Volt** supply for safe operation & reduced EMI
- ▶ **Semiconductor & Foil Gauge** load cell compatibility
- ▶ **DIN Rail** mount for easy installation



How it works**Dimensions****Specifications****Electrical**

Supply Voltage	24 VDC
Overvoltage Category	III (IEC 66-4)
Load Cell Input Range	±50mV / ±250 mV
Load Cell Supply	5 VDC ±1%
Gain Adjustment	11 to 510
Maximum Power Consumption	3.5 VA
Maximum Power Supply Fuse	10 A
Overvoltage Category	III (IEC 66-4)
Connector	14 pin/screw
Communication Connector	USB Type B

Other

Mounting	DIN Rail EN-50035
Mounting Orientation	Not Critical
Temperature Range:	
Operating	+14 to +122°F (-10 to +50°C)
Storage	+14 to +176°F (-10 to +80°C)
Humidity	<95% Non-Condensing
Degree of Protection	IP20 (IEC 529)

Related Montalvo Products

The **NEW** ES-Series Load Cells
 The **NEW** F-Series Load Cells
 The **NEW** U-Series Load Cells
 The **NEW** M4 Analog Meter
 The N and R-Series Load Cells

