

PCB Displays



Summary Details:

The Onetec Loadlink employs a unique modular approach to target specific customer applications. The basic M-PCB is complete with Flash microprocessing, 24bit A-D conversion and step-down DC regulation (up to 20vdc). You can now add the option to complete the job! Make the Onetec Loadlink a radio transmitter (picture above) communicating with a PDU/Junior or add RS232C to make the Onetec Loadlink part of an intelligent load cell talking to a computer.

Plugin the 8 character LCD backlit display and RS232C and the Loadlink can be a slave display then fit the keyboard option and make the Onetec Loadlink a standalone weigh indicator, the option is yours! The Onetec Loadlink M-PCB is low cost and very compact and can be easily housed in an enclosure of your choose and a panel overlay can be supplied direct from Facia Graphics to complement your companies image.

Specifications:

- Display (option):** 8 digits LCD Alphanumeric Display
- Operating Temperature:** -10 to +40 degrees C
- PCB dimensions:** TBA
- Load cell Capability:** Up to 8 x 300R load cells
- Conversion:** 24bit Sigma Delta A-D.
- Input Range:** 0 - 150mV Linearity: 0.0015% F.S.
- Temperature Drift:** 2 p.p.m per degree C
- Internal Resolution:** 300,000 counts for 10mV input (2mV per volt load cell)
- Calibration:** Keyboard routine or via Radio telemetry
- Power (D.C. Option):** 6-20vdc
- Power Consumption:** Approx. 10mA (add 16mA per 300R load cell).
- Options:** Radio Telemetry. RS232C Communications, 8 character LCD alphanumeric Display, 5 button tactile key-switches.