Junior Displays

Summary Details.

The unit features a stainless steel, splash proof sealed enclosure (165mm x 110mm x 60mm) complete with mounting brackets suitable for heavy industrial use. Loaded Software includes full range zero, preset tare, tare / tare recall, weighcount, peak, freeze and silo modes as standard and special software writes are available upon request. The Onetec Junior can be supplied with the choice of 18mm x 6 L.E.D. or L.C.D. displays and is capable of handling up to 8 loadcells. The Onetec Junior also incorporates a 24bit A-D, simple calibration routine and menu selections. Versatile power options to suit all applications are also available; the Onetec Junior can be supplied with an internal 110-250VAC SMPS, an internal 1000mAh NiMh battery pack and charger or requiring a basic DC input from either a battery or adaptor. Each unit is hand built and tested to a very high standard. Additional factory fitted options include RS232C Communications for interfaces to Printers or computers, 16 bit 4-20mA/0-5vdc/0-10vdc Analog outputs for data logging, 2 x optoisolated I/O ports, time and date, 8k x 8 FRAM memory expansion capability and a second weighing input ideal for left and right axle vehicle applications. This unit also has the ability to store a numeric code of 5 digits along with the weight and a time and date stamp. This can be downloaded upon demand into a computer. These units can also be supplied as in a Telemetry format. This format slightly changes some of the above specifications, contact us for this information.

Specifications:

Display: 6 digits, 18mm high LCD or LED displays
Membrane: Polyester, tactile action.
Enclosure: Splash proof, 165mm x 110mm x 60mm High Grade Stainless Steel.
Operating Temperature: -10 to +40 degrees C
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
Update Speed: 7ips or 30ips - user selectable
Internal Resolution: 300,000 counts for 10mV input (2mV per volt load cell)
Display Resolution (Type Approval): 6000 divisions
Calibration: Keyboard routine.
Power (Mains Option): Mains version: 75-250vac 50/60Hz Auto Selection.
Power (D.C. Option): 6-26vdc
Power Consumption: LCD version operating 10mA, LED version operating 130mA. (add 16mA per 300R load cell)

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