

MW-LE

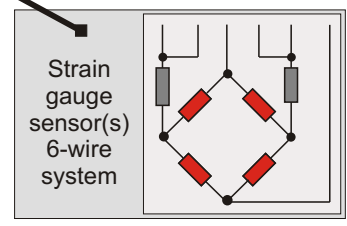
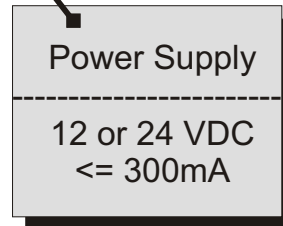
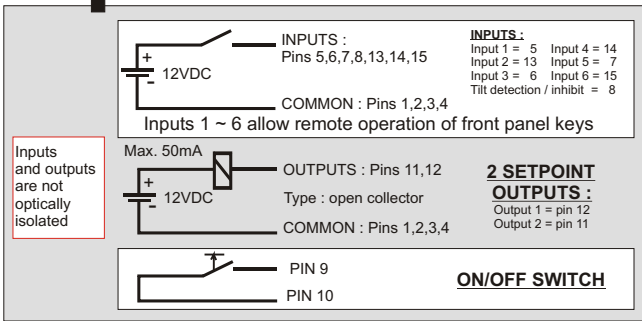
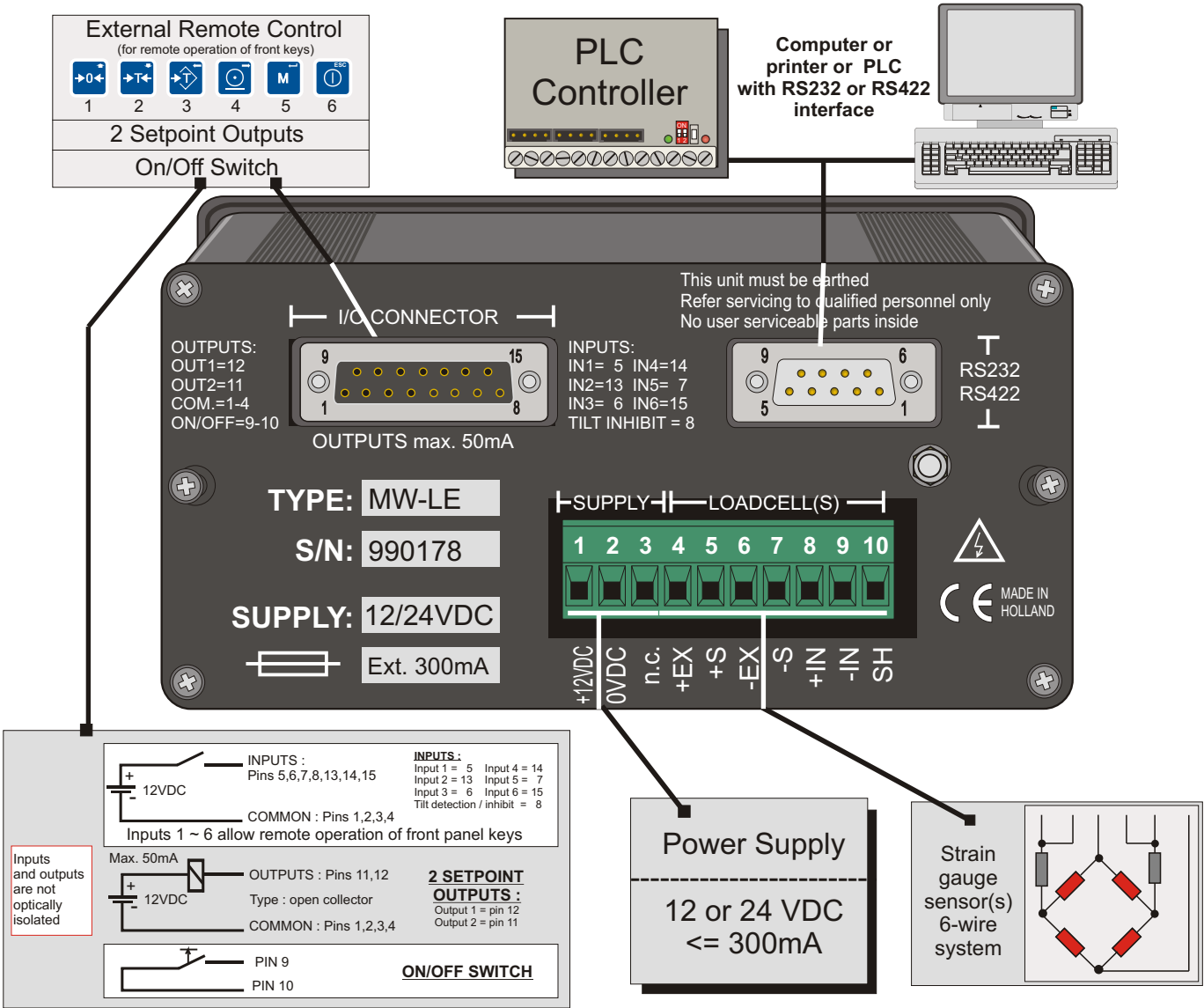
Battery Powered Digital Weight Indicator

SENSOR
TECHNIQUES LIMITED



Digital Weight Indicator Model MW-LE

- Approved to OIML 4000D, CE certified
- Multi-range and multi-interval approval
- 50 samples per second, 24-bit ADC
- Ideal for mobile weighing applications, 12/24 V DC
- Piece counting and preset tare functions
- Digital inputs and outputs for full control
- RS232 and RS422 interfaces for printer or PLC/PC
- Drives 1 - 6 load cells, 350 Ohm
- Includes PC software package with graphical output
- Robust aluminium housing
- LCD display version available



Specification

Specifications are subject to change without prior notice

Linearity	: <0,0015%
Approvals	: certified to meet EN 45501 in Classes III and IIII, NMI TC5218 dated 9.3.1998 number of divisions n(max) : 4000D, 1d = 0,001 mV, EMC and CE approved multi-interval and multi-range modes supported and approved
Excitation voltage	: 10 V DC or AC up to 1 KHz, capable of powering up to 6 load cells of 350 Ohm each
Input signal	: 1, 1.5, 2, 2.5, 3 or 3.5 mV/V, full ratiometric
Input polarity	: unipolar for weighing, bipolar for force or torque measurement
Signal filtering	: selectable in stages from 0,2 Hz through 20 Hz
Display	: 14,2 mm red LED (alternative LCD version, 17mm character size) with battery condition indicator
A-D capability	: 24-bit internal resolution, +/- 999.999 output capability, maximum 50 measurements per second
Digital inputs	: 6 inputs, 12...30 V DC logic level, externally driven
Digital outputs	: 2 open collector outputs, 35 V DC / 50mA maximum
Computer port	: selectable RS-232 and RS-422 (printer + PC), 1200...9600 Baud
Temperature effect	: < 4 ppm/°C for the zero point, < 3.5 ppm/°C for the measurement signal
Temperature range	: -10°C through +40°C (storage -25°C through +80°C)
Housing	: black anodised aluminium
Dimensions	: 150 x 78 x 60 mm, weight approx. 550g
Power supply	: 12 or 24 V DC, typical current drain with 1 load cell of 350 Ohm connected ; 100 mA with 6 load cells of 350 Ohm connected ; 250 mA

DSMWLE-2, 6/01