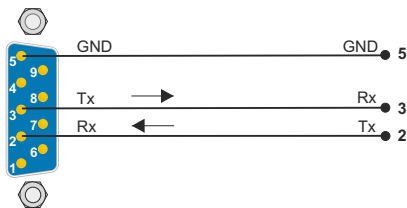
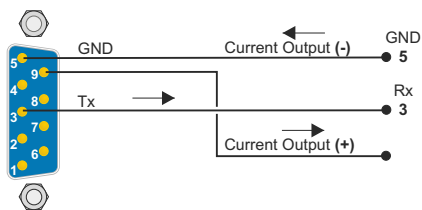


Digital Weigh Indicator, Model VT100

- Approved to OIML R76 for 10,000 d, Certificate T6877
- 30 samples per second, 18 bit resolution
- Can drive up to 8 350 Ohm load cells wired in parallel
- Very large 6 digit LED display, 20.3 mm digit height
- Choice of gross or net (tared) display modes
- RS232 computer port, 9600 to 38400 baud
- Printer port 1200 to 9600 baud, current loop.
- Programmable print format with 185 characters
- Full bi-directional control via the computer port
- Supply voltage 9 VDC or 220 VAC with mains adaptor
- Robust ABS enclosure with connectors

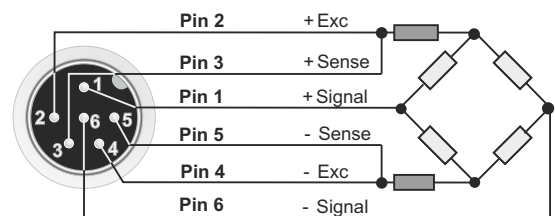


RS232 PC Communication Port

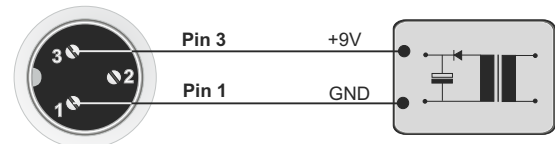


Printer output or large display via RS232 or 20mA current loop

Load Cell Connections 6 wire technique



Supply Voltage 9V/8W



Specifications are subject to change without prior notice

Specification

Linearity	: < 0.01 %
Load cell supply voltage	: 5 VDC, capable of driving up to 8 off 6 wire 350 Ohm transducers, wired in parallel
Input signal range	: 0...4.5mV/V, CMRR at 50/60Hz > 200dB
Signal filters	: Digital filter in 3 stages.
	:
Digital display	: 20.3 mm LED display, Weight stable (no motion), Zero & Net
ADC resolution and speed	: 18 bit ADC with up to 30 samples per second, 100,000 count resolution
Computer interface	: RS232, full duplex, 1200...38,400 baud, printer or PC output
	: 20 mA current loop, 1200 ... 9600 baud, printer output
	:
Temperature effect	: <3.5 ppm/°C on the Zero and <3.5 ppm/°C on the Span
Operating temperature range	: -10°C to +40°C
Storage temperature range	: -10°C to +70°C
	:
Enclosure	: Heavy gauge ABS with desk top, wall and tilt mount
Dimensions	: 186.3 x 103 x 95 mm(L x H x D), Weight ~ 0.8 kg
Power supply	: 9 VDC or 230VAC 50/60 HZ with power adaptor.

SENSOR

TECHNIQUES LIMITED

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DSVT100-1, 06/11

Precision Load cells
Accessories and Mountings
Measuring Instruments and Systems