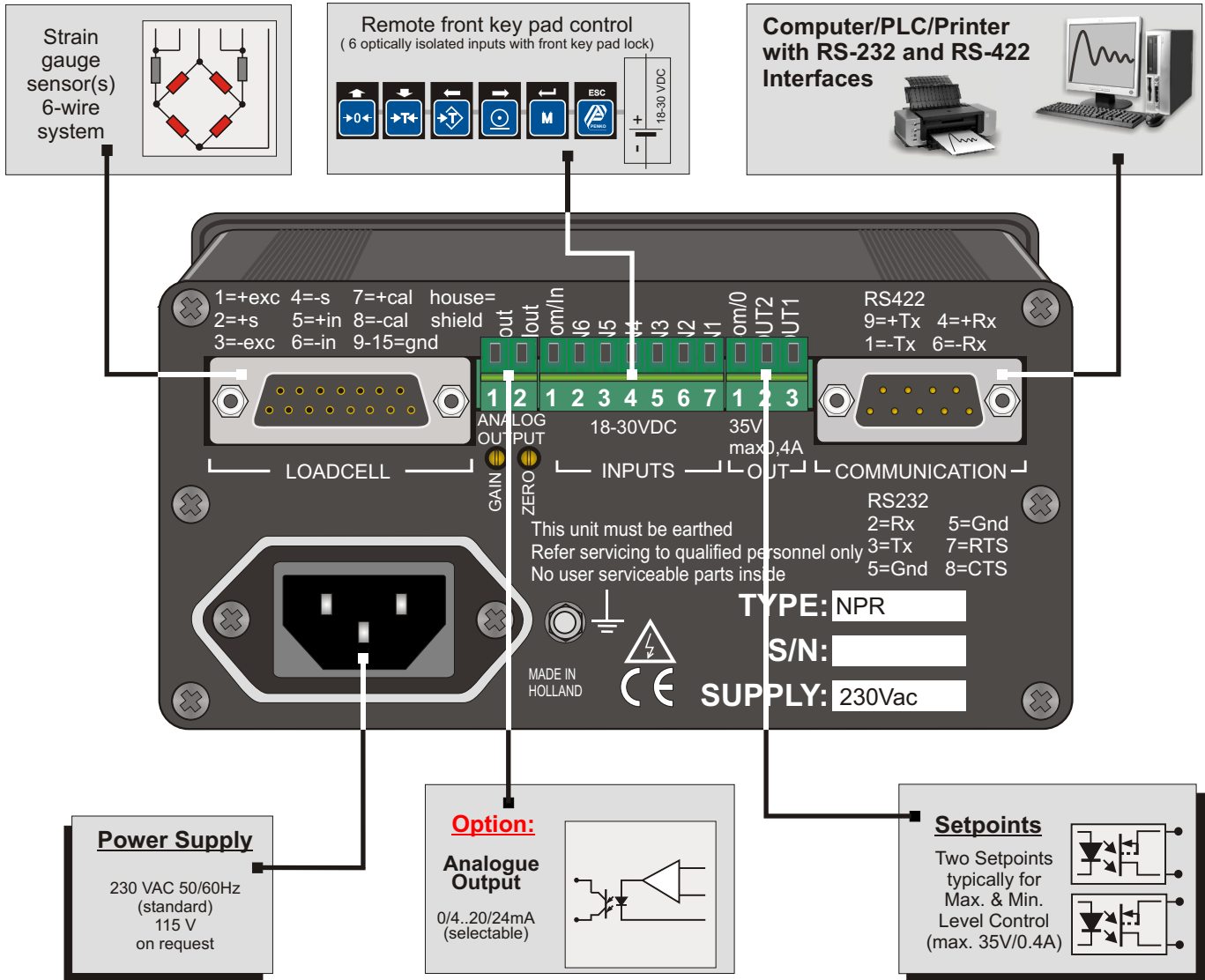


Digital Weigh Indicator, Model NPR

- Low cost 16 Bit industrial indicator
- 50 samples per second
- Ideal for scales and static weighing applications
- Gross, Tare and Net functions
- Adjustable input sensitivity from 0.5 - 3.5 mV/V
- 6 inputs for remote measurement control
- 2 setpoints with solid state relay outputs
- RS 232 and RS 422 interfaces
- Robust aluminium case
- Options :
 - Analogue output selectable 0/4-20/24mA



Specifications

Specifications are subject to change without prior notice

Linearity	: $\pm 0.005\% \text{ F.S.}$
Excitation Voltage	: 10 V DC or AC square wave, driving up to 6 load cells with 350 Ohm bridges
Input Signal Range	: 0...35mV, 50/60Hz suppression > 200dB
Signal Filter	: in steps from 1...9 adjustable from 0.2 Hz to 20 Hz, low pass filter
Digital Display	: 6 digit 14.2 mm LED with programmable filter. Display range -99,999 to +999,999
ADC Resolution and Speed	: 24 Bit ADC with 50 samples per second
Digital Inputs	: Six optically isolated; 12...30 VDC Logic levels, remote external key pad control
Setpoint outputs	: Two optically isolated solid state relays, voltage 10...35 V AC or DC, max. current 0.4 A
Computer Interface	: RS 232 and 4 wire RS 422, optically isolated, 1200...9600 Baud. RS422 addresses from 0...255
Temperature Effect	: Zero <math>< 12 \text{ ppm}/^\circ\text{C}</math> and Span <math>< 10 \text{ ppm}/^\circ\text{C}</math>
Temperature Range	: -10°C to +40°C
Housing	: Extruded Aluminium, Stainless steel available by special order (different dimensions)
Dimensions	: 150 x 78 x 180 mm, Weight approx. 1,2 kg
Power Supply	: 230 VAC 50/60 Hz standard, 115 VAC on request
Options	
Analogue Output	: 0/4...20/24mA, 16 Bit DAC, freely programmable, Gross, Tare or Net

DSNPR-2, 10/02

SENSOR

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Precision Load cells
Accessories and Mountings
Measuring Instruments and Systems