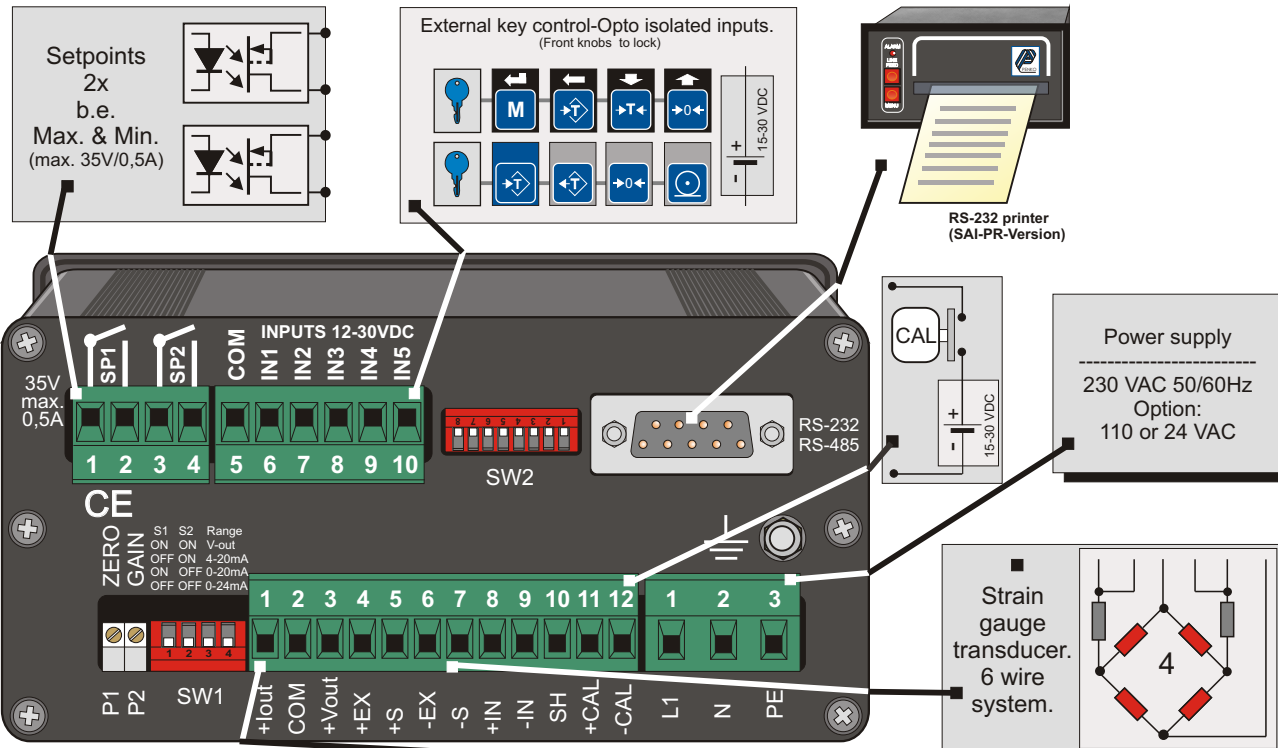




**Certificated by NMI : TC 2636, 4000 div. 1d => 1µ V**

- **RS232 interface WITH PRINTER PROTOCOL.**
- **Certificated by Nmi: TC 2636, 4000 division 1d => 1µv.**
- **Special made for industrial purpose.**
- **Digital calibration.**
- **For 1 - 4 load cells 350 ohm.**
- **250 Samples per second.**
- **2 Solid state level contacts with hysteresis.**
- **4 Inputs for remote keys.**
- **Complete bi-directional control via interface.**
- **Analog out: 0-10V and 0-20, 0-24 or 4-20 mA (Option).**
- **Panel mounting (Other types available ).**
- **Extruded and machined ALU- housing.**

# Product info



**Example**

```

-----
Penko Engineering  ---
WEIGHING IS $$
NUMBER      :      1
DATE       : 31-05-95
TIME      : 09:34:41

TARE      : 0.000 kg
B/G      : 1.500 kg
    
```

```

-----
Penko Engineering  ---
WEIGHING IS $$
NUMBER      :      2
DATE       : 31-05-95
TIME      : 09:34:53

TARE      : 0.500 kg
NET      : 1.000 kg
    
```

```

-----
Penko Engineering  ---
WEIGHING IS $$
NUMBER      :      2
DATE       : 31-05-95
TIME      : 09:36:01

SUBTOTAL  : 2.500 kg
    
```

```

-----
Penko Engineering  ---
WEIGHING IS $$
NUMBER      :      2
DATE       : 31-05-95
TIME      : 09:36:35

TOTAL     : 2.500 kg
    
```

## SEE THE INFO PAGE WITH ALL THE PRINT LAY-OUT POSSIBILITIES

The SAI-PR is a universal indicator for strain gauge weighing. Two contacts are present for continuous level control. Apart from the read-out you find in the front panel keys for zero, tare, preset tare and menu selection. The digital read-out is compleed with small LED's for zero, net/gross weight, tare-memory activated and level control. Thanks to internal calculations this instrument offers, in spite of its high speed, a stable read out. Easy ASCII protocol provide standard printer interfacing with a 9600 baud RS-232 connection. A simple to use menu provide settings of date and time, selection of 2 kinds of tickets, 3 kinds of headers and 2 programmable headers.

### Specifications.

Power supply	230 Vac - 50/60 Hz, +/- 10%, 24Vac or 115 Vac optional.
Wiring	full Wheatstone bridge with sense connections (6 wire system).
Sense system	Active sense system, suitable for safety barriers.
Display	5 digits 0.56" - 14,2 mm. Ultra Bright. + 20 points LED-bar.
Display divisions	Up to 32.000 div.
Display speed	1-10 readings per second.
Excitation voltage	10 V DC, suitable for 1-4 loadcells with a bridge resistance of 350 Ohm.
Input range	2,2 mV/V +0-22mV. (Verification unit 1 µV/part).
Sensitivity	330 nV/ADC division.
Dead load	70% of FS.
Conversion speed	250 samples/second.
Linearity	< 0,0015 % FS.
Resolution	1/65,536 counts. ( 16bit internal )
Temperature effect	on zero <= 12 ppm/°C.on span <=10 ppm/°C.
Temperature range	-10 - + 40°C.
Analog filter	12 dB/octave e.g.40dB/decade 2,5 Hz.
Digital filter	36 dB/octave e.g. 120dB/decade 10Hz
Digital output	Isolated RS 232, or 4-wire RS 422.1200/9600 Baud.
Inputs	5 optical isolated 12-30 V. DC.
Outputs	2 solid state outputs 10-35 Vdc or ac max 0,5A.
Consumption	14 Watt. with 4 loadcells- 350 Ohm.
Dimensions	150 x 78 x 180 (depth 250mm at certified version).
Weight	appr. 1800 g

Weigh indicator SAI-PR

