

SV 01

Weight indicator

1. Product



2. Technical features

Power Supply	230 Vac $\pm$ 10%
Max Consumption	15 VA
Insulation	Class II
Installation Category	Cat. II
Operating temperature	-10°C / +50°C (max humidity 85% non-condensing)
Storage temperature	-20°C / +60°C
Display	6 led digit (h=13 mm) + 8 led digits (h=8 mm)
Led	3 led 3 mm
Keyboard	Numeric with 16 multifunction keys
Overall dimensions	144mm x 72mm x 120mm (l x h x p)
Mounting	Panel mount 138x68 (l x h)
Case material	Plastic

Front protection degree	IP65
Connections	DSUB9 connectors and Pull-out terminal blocks pitch 5.08
Load cell power supply	5 Vcc / 120 mA (max 8 load cells of 350 Ω) short circuit protected
Sensitivity	0.02 μ V min.
Linearity	< 0.002% of full scale
Drift Temperature	< 0.001% of full scale / °C
A/D resolution	24 bit
Input range	Configurable from 1mV/V to 0,5 V/V
Sample rate	4 Hz - 250 Hz
Digital filter	0.1 Hz - 25 Hz
Serial ports	Rs232 + RS422 (RS485)
Logical outputs	13 relays (selectable) max 250Vac 2A
Logical Inputs	5 (selectable) + 4 for recipe recall opto insulated a 24Vcc PNP
Conformity standard	EN6100-6-3, EN61000-6-2, EN61010-1

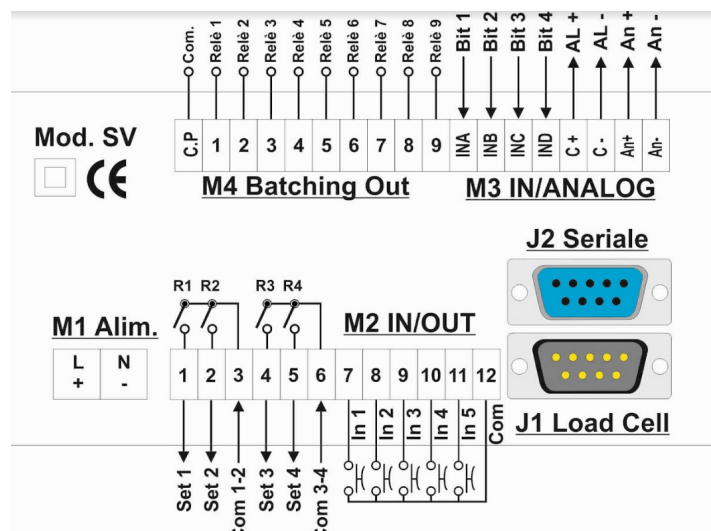
OPTIONS

Power Supply	115Vac, 24Vac, 24Vcc, 12Vcc
Analog outputs	0-5V, 0-10V, $\pm$ 5V, 0-20mA, 4-20mA
Input from potentiometer or analog signals	
Pulse counter input	

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3. Connections



4. Software parameters

All functions are programmable through the keyboard, stored and kept in memory with protection data system

CALIBRATION DATAS

Increment size setting (x1 x2 x5)

Decimal point setting

Zero setting

Full scale setting

WEIGHT STABILIZATION PARAMETERS

Weight stabilization time

Weight stabilization range

Time for monotony keeping

Digital filtering range

Digital filtering time

OPERATING PARAMETERS

Auto-zero set point at switch-on

Zero tracking time

Zero tracking range

Display blinking over alarm set-point

BATCHING PARAMETERS

Number of product setting (up to 9)

Set

PreSet

Material queue (fly)

Tolerance

Maximum alarm threshold

Zero control

Pause between products

Discharge delay time

Time between cycles

Dosage recipe setting (up to 99)

Automatic repetition of dosage cycles

Total management

Dosage timeout

Automatic queue calculation

Dosage suspension

Dosage data printing

Automatic / manual selection

Restart after power down supply

Tapping

OPTIONS

Recipe recall with percentage correction

Positive queue for pneumatic transport