

SE 01

Weight indicator

1. Product



2. Technical features

Power Supply	230 Vac $\pm$ 10%
Max Consumption	10 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 digit red led seven segments (h=13 mm)
Led	8 led 3 mm
Keyboard	6 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 1 mV/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	4 relays (set point) max 250Vac 2A
Logical Inputs	5 opto insulated at 24Vcc PNP
Conformity standard	EN6100-6-3, EN61000-6-2, EN61010-1, EN45501

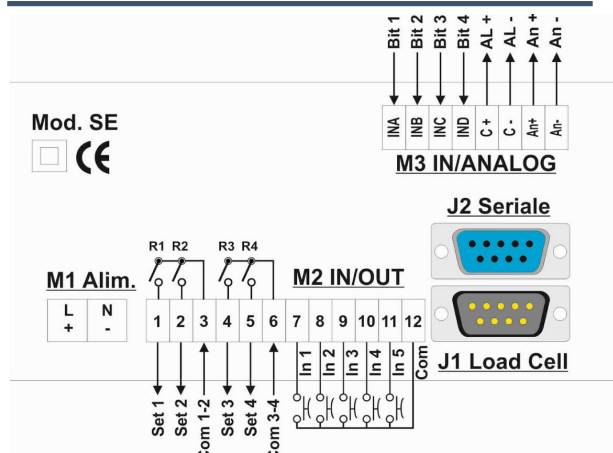
OPTIONS

Power Supply	115Vac, 24Vac, 24Vcc, 12Vcc
Analog outputs	0-5V, 0-10V, $\pm$ 5V, 0-20mA, 4-20mA
Input from potentiometer or analog signals	
Logical outputs	Up to 13 set point
Double input signals A,B,A+B, A-B version	

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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 switch-off with overload

SET POINT AND RELEVANT PARAMETERS

Set point values

Set point control on net weight or gross weight

Output excitation under or over set point

Set point control on stable or unstable weight

Hysteresis setting

Time delay setting

OPERATING FUNCTIONS

Autotare

Peak function

Hold function