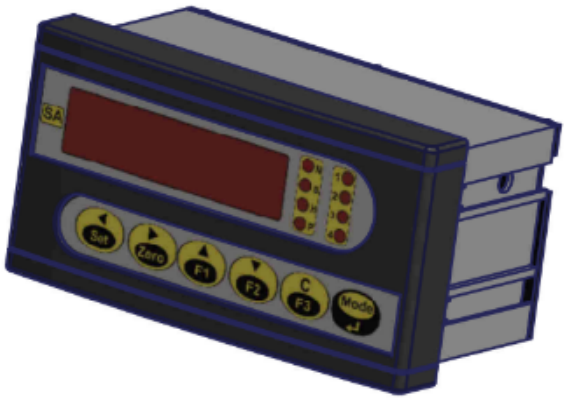
SA 02

Weight indicator

1. Product



2. Technical features

Power Supply	24Vcc/24Vac ± 20%
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	a 6 multifunction keys
Overall dimensions	144mm x 72mm x 71mm (l x h x p)
Mounting	Panel mount 138x68 (l x h)
Case material	Plastic

Front protection degree	IP65
Connections	Pull-out terminal blocks pitch 3.81
Load cell power supply	5 Vcc / 120 mA (max 8 load cells of 350Ω) short circuit protected
Sensitivity	0.02 µV min.
Linearity	< 0.01% of full scale
Drift Temperature	< 0.003% 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 – 60 Hz
Digital filter	Selectable 0.1 Hz – 25 Hz
Logical outputs	4 relays (set point) max 250Vac 2A
Logical Inputs	5 opto insulated at 24Vcc PNP
Conformity standard	EN50081-1, EN50082-2, EN61010-1

OPTIONS

Serial ports	Rs232, Rs422, Rs485
Analog output	0-5V, 0-10V, ±5V, 0-20mA, 4-20mA
Input from potentiometer or analog signals	

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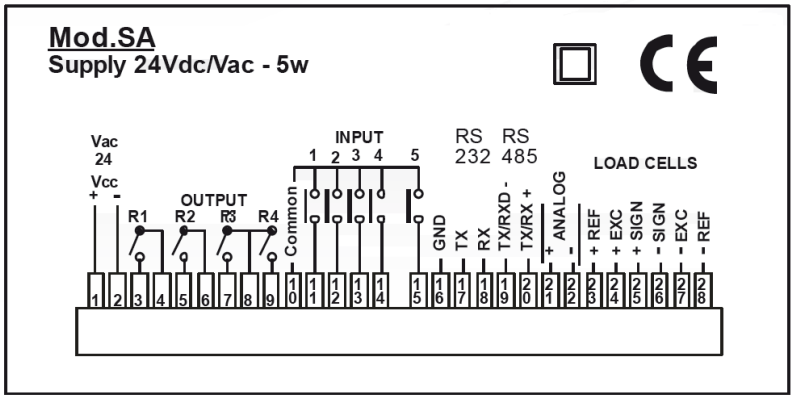
3. Connections



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

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