

SL 01

Weight indicator

1. Product



2. Technical features

Power Supply	24 Vcc $\pm$ 15%
Max Consumption	5 W
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	Numeric, 6 digit, 7 segments red LED display (h =14mm)
Led	5 indicator leds (3 mm)
Keyboard	4 mechanical keys (tactile feedback)
Overall dimensions	96mm x 48mm x 120mm (l x h x p)
Mounting	Panel mount (cutout 91 mm x 44 mm)
Case material	Selfextinguish Noryl (UL 94 V1)

Front protection degree	IP54
Connections	Connections Terminal blocks (pitch 5.08)
Load cell power supply	power supply 5 Vcc / 90mA (max 6 350 Ω parallel load cells) short circuit proof
Sensitivity	0.02 μ V min.
Linearity	< 0.01% of full scale
Drift Temperature	< 0.001% of full scale / °C
A/D resolution	24 bit
Input range	From -3,9 mV/V to +3,9 mV/V
Sample rate	6 Hz – 50 Hz
Digital filter	0.1 Hz – 25 Hz
Serial ports	Rs232 / Rs485 Half duplex
Logical outputs	2 opto-isolated max 24Vdc / 60 mA each
Logical Inputs	2 opto-isolated 24Vcc PNP (requires external power supply)
Conformity standard	EN50081-1, EN50082-2, EN61010-1

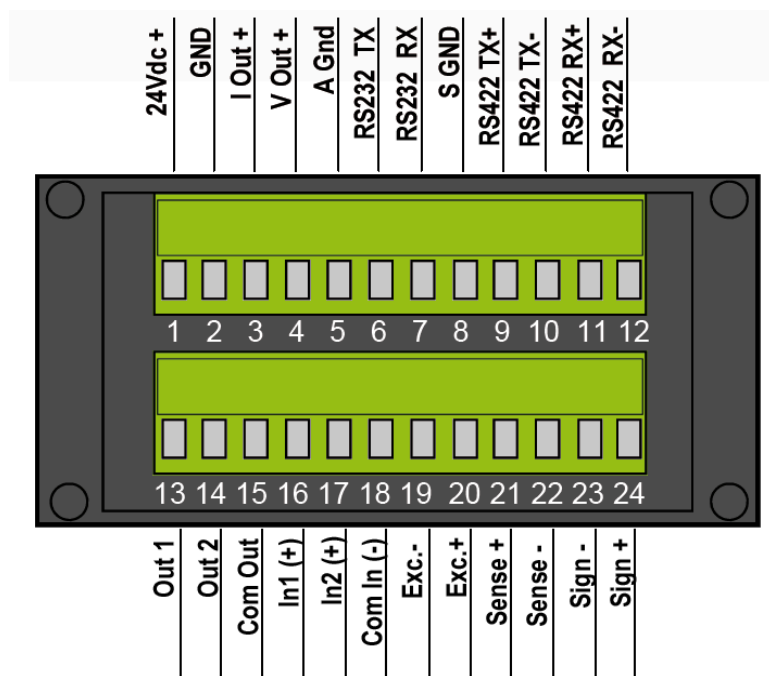
OPTIONS

Analog output 16 bits	0 - 10 V / 0 - 5 V / 0 - 20 mA / 4 -20 mA
- Impedante voltage :	Voltage: min.10K Ω Current: max. 300 Ω
- Linearity :	< 0.03 % of full scale
- Drift temperature :	< 0.001% of full scale / °C

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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

OPERATING FUNCTIONS

Autotare

Peak function

Hold function