

SRQ

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	Numerical 6 digit red leds, 7 segments (h 14 mm)
Led	8 led 3 mm
Keyboard	Membrane 5 keys
Overall dimensions	106mm x 60mm x 110mm (l x h x p)
Mounting	For DIN rail or OMEGA bar
Case material	PPO self-extinguishing

Front protection degree	IP 54
Connections	Removable screw terminal blocks, 5.08 mm pitch
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	< 0.001% of full scale
Drift Temperature	< 0.0001% 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	Selectable 0.2 Hz - 50 Hz
Serial ports	Rs232c half duplex Rs422/Rs485 half duplex
Logical outputs	4 opto relays max 24 Vac/Vdc, max 60 mA
Logical Inputs	3 insulated 24 Vdc PNP
Conformity standard	EN 61000-6-2, EN 61000-6-3

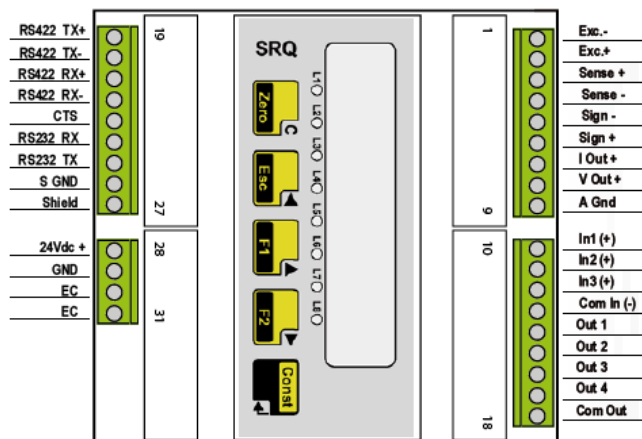
OPTIONS

Analogic output with 16 bits	0-10 V / 0-5 V / 0-20 mA / 4-20 mA
- Output impedance	Tensione: minimo 10K Ω Corrente: massimo 300 Ω
- Linearity	< 0.03 % of full scale
- Temperature Drift	< 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

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