STRAIN GAUGE CONVERTER
Z-SG

Main Features

- 6-wire bridge connection, suitable for 1..4 loadcells (350 Ω)
- Interfaces:
  - N.1 analogue output mA/V
  - N.1 RS485 Modbus RTU
  - N.1 digital output settable as alarm or stable weight
- Adjustable sensibility: from 1 to 64 mV/V
- Adjustable sampling frequency up to 151 Hz
- 1,5 Kv isolation between (input // output // power)
IP67 junction box, connection up to 4 load cell

Z-SG-CK-N
Z-SG
Special function: temporary tare

Load cell

4-6 wires connection

Temporary tare
Z-SG
Special function: Stable weight, $\Delta$weight / $\Delta$time

![Diagram of Z-SG system with tank, conveyor belt, and load cell connections. Diagram shows voltage source with 24 Vdc output. Graph below the diagram illustrates $\Delta$weight and $\Delta$time variations.]
Z-SG
Application example

Z-SG-CK-N

Modbus RTU

4..20 mA

249.77
Z-SG
Application example

Modbus RTU