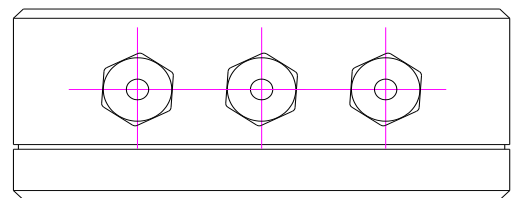
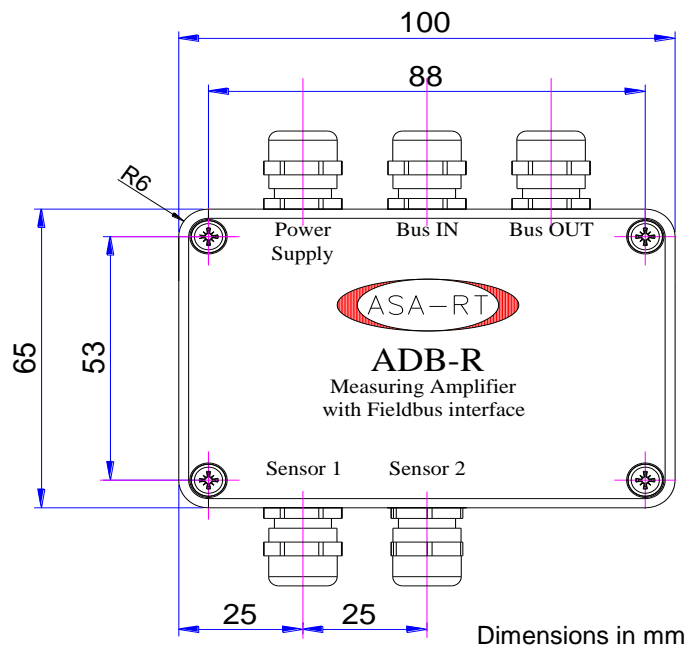
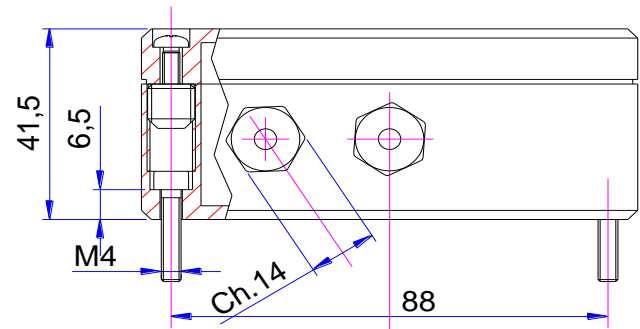




**CANopen**

**ADB-R is a digital measuring amplifier for strain gauges bridge, including a 24 bit acquisition circuit with programmable gain, and fieldbus interface (CANopen DS404, o Profibus DPv1) towards a machine supervisor.**

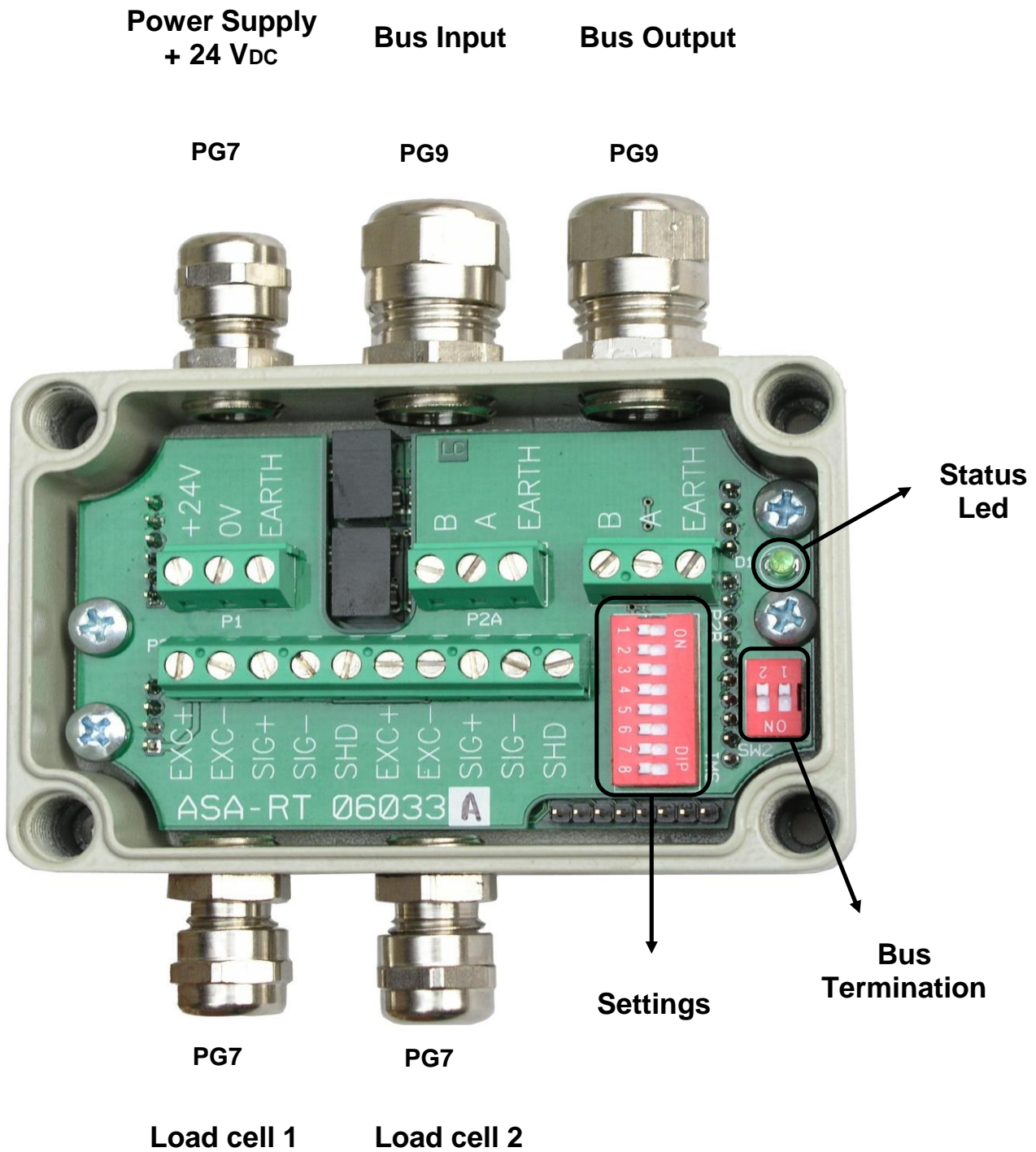
Through the bus link is possible to set all the parameters of the unit: zero, gain, and number of averages on the signal; on the bus is available the tension measurement, with applied the actual parametrisation.



**TECHNICAL CHARACTERISTICS**

- External power supply 24VDC /  $\pm 10\%$  - 90 mA.
- Interface for strain gauges bridge, characterised by:
  - bridge supply 5 VDC.
  - 30 mA total (4 load cells 700 Ohm in parallel o 2 load cells 350 Ohm in parallel).
  - acquisition with a 24 bit ADC converter.
  - acquisition rate 100 Hz
  - linearity 0,02% F.S.
  - thermal drift 0,001% F.S. / °C
- Assembling on board in an aluminum IP66 case.
- Connections on terminal board.
- Working temperature -30 ... +60 °C
- Dip-switch for setting the node identifier and the baudrate (baudrate only for CANopen).
- Dip-switch for inserting the resistors for terminating the field-bus
- Profibus DPv1 or CANopen DS404 interface available.

### ELECTRICAL CONNECTION



### ORDER CODE

