



AVL COMPACT I/O CUBES

The AVL COMPACT I/O Cube is designed as a versatile I/O module for the test cell to allow data acquisition and control of a wide variety of I/O devices. The Cube provides various input and output channels. The channel assignment is software-configurable by the user.

Depending on the required I/O configuration, there are different I/O cubes available, an all-in-one I/O cube or dedicated cubes for temperature or pressure channels. Additional cubes can be easily added to the system.

Benefits at a Glance

- One software-configurable measurement cube for all signal types
- Output of demand values
- Modular design: Additional cubes can be added
- High accuracy and resistance to noisy signals by use of Front End technology

C AVL, the technology leader for automotive testing systems provides AVL COMPACT™, an out-of-the-box easy to install and cost effective solution for the engine development, component testing and performance market.

Ready. Set. Go.

Technical Data	
Acquisition rate	Selectable for each channel (1 Hz, 10 Hz, 100Hz) depending on the channel type
Universal Channel	16 universal measurement channels for the measurement of voltages, currents, resistances and measuring bridges
Temperature Channel	24 temperature measurement channels for measurement of thermo couples (types K, J, R, S, T, B, E and N) 8 temperature measurement channels for measurement of RTDs (Pt100, Pt1000)
Analog Channel	8 analog outputs for voltages or currents (for demand value setting)
Digital Channel	16 digital outputs (8 relay, 8 transistor outputs for digital or PWM) 16 digital inputs
Power Consumption	62Watt typical and 208 Watt maximal
Dimensions (with x height x length)	215 mm x 464 mm x 320 mm
Weight	8,2 kg
Supply voltage	24 V DC +-20% Reserve batterie protected
Degree of protection	IP 20

For further information please contact:

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