

WEIGHING MODULE

Mod. MCE-730/EV

Mod. MCS-730/EV is used to weigh pieces. After placing an object on the measurement area, the sensor provides an analog signal in Volts depending on the weight of the object (range $\approx 0.1 - 1$ kg).

The module is assembled on a sectioned aluminium base, and it can be easily moved around the laboratory.

Mod. MCE-730/EV can be fully controlled using a PLC module or an Arduino microprocessor. Thanks to the PLC or Arduino programming software, a wide range of exercises regarding the automation of the module in a working cycle or in stand-alone mode can be developed.



ME

TRAINING PROGRAM

- Fundamentals of Electronics
- Operating a weight sensor

TECHNICAL SPECIFICATIONS

Modular unit assembled on a sectioned aluminium structure. It includes an I/O interface box with $\varnothing 2$ mm terminals that, besides working as control board for the module, enables the students to carry out electrical measurements on its components.

The module can be operated using:

- No. 1 PLC training panel mod. PLC-V8/EV, or
- No. 1 Arduino training panel mod. MPC-18/EV

Power supply (24 Vcc) is provided by the PLC itself or using a MPC-18/EV module.

Sensors and actuators:

- N. 1 Load cell

Module inputs and outputs:

- N. 1 Analog output

Dimensions: 160 x 400 x 220 mm
Weight: approx. 3 kg

REQUIRED

UTILITIES (PROVIDED BY THE CUSTOMER)

- Compressed air supply: 5...6 bar

SUPPLIED WITH

THEORETICAL-EXPERIMENTAL HANDBOOK

Presentation of the equipment, experiments, technical specifications with electric and pneumatic diagrams, use and maintenance.

