

Tensometer sensing of the lift car

VTA-TENZO D/1



The weighing module VTA-TENZO D/1 enables the detection of a load of **15 kg, the over range of the lift capacity and the overload of the lift car** necessary for the lift to drive. LED directly on the electronics module indicates each of the states. The current weight and the state of the weighing module are displayed on the 5-digits LED display.

The microprocessor electronic module **evaluates** the current loading of tensometer sensor, **compares** the detected weight with the limit values for the existing lift type, and **activates** the relevant relay outputs. Simultaneously it displays the current weight on the display. The lift capacity can be set using the DIP switches.

The detection of the unloaded floor weight and/or the calibration of the weighing-device can be performed using the button placed on the electronic module.

ADVANTAGES

- One system encompasses the indication of the minimum load of 15kg, the over range of the lift capacity and the overload of the lift car.
- The installation is possible to the existing lift car floor.
- The current weight is displayed.
- The basic states are displayed.
- The system has been certified according to the CSN EN 12015 and CSN EN 12016 (the electromagnetic compatibility).
- The electronics are covered IP54.
- 24 months guarantee

BASIC TECHNICAL PARAMETERS

Measured weight	250 kg
Number of the sensors	1
Range of the sensors	400 kg
Overload capacity of the sensor	800 kg
Supply voltage	24 V~, 24 V=, 12 V=
Outputs	relay outputs, 1 optically separated output (galvanic separation)
Input	galvanized detached (indication of driving)
Range of the operating temperature	0–40°C