

Tensometer sensing of the lift car

VTA-TENZO D/K



The total lift car weighting-module VTA TENZO D/K enables the detection of **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 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 over range of the lift capacity and the overload of the lift car.
- Displaying of the current weight. (It makes possible the more general utilization of the module, e.g. for the checking out-weighting of the balance weight in case of the substitution of the standard drive by the inverter drive.)
- The basic states are displayed.
- It is possible to display the loading of the particular sensors . It is usable e.g. in case of removing of the inadvisable deformations at the installation time.
- The large range of the lift capacities serviced using one system.
- The certificate of CSN EN 12015 and CSN EN 12016 (the electromagnetic compatibility).
- The electronics are boxed with the covering of IP54.
- 24 month guarantee.

BASIC TECHNICAL PARAMETERS

Weight range

200–630 kg (optional selection from 9 values)
675–1 500 kg (optional selection from 18 values)
1 600–3 000 kg (optional selection from 15 values)

Number of sensors

4

Range of sensor

500 kg (to the lift capacity of 630kg)
1 000 kg (to the lift capacity of 1500kg)
2 000 kg (to the lift capacity of 1600kg)

Overload capacity of sensor

100 %

Supply voltage

24 V~, 24 V=, 12 V= alternatively

Outputs

relay outputs, 1 optically separated output (galvanic separation)

Inputs

galvanized detached (indication of driving)

Range of the operating temperature

0–40°C