

SAFETY MECHANICAL LIMIT SWITCH

OSMOEUROPA

Figure 1

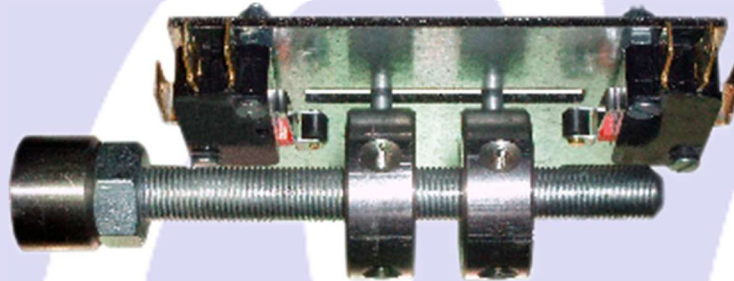
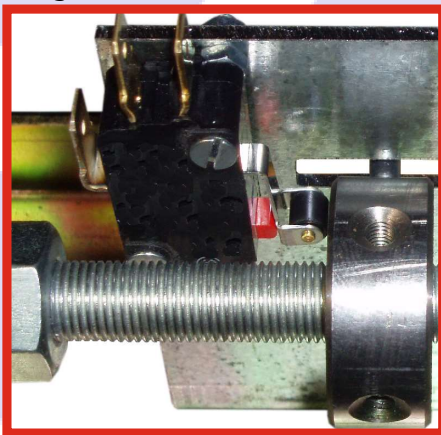


Figure 2



OSMOEUROPA motors have an electronic limit switch integrated into their regulators.

However, and in order to provide greater security, there is the possibility of integrating a mechanical limit switch in the reducers.

Taking into account that electronic and mechanical limit switches must be combined, it is very important to adjust them correctly.

1. The programming of the motor will be done according to the electronic air inlet regulator (OCV2 / OCV3 / OCM / EMERGENCY) that is being used at that moment, following its instruction manual.
2. Once the electronic lower limit has been set, move the mechanical limit switch until it touches the stop with the microswitch lever (as shown in figure 2).
3. Once the lower electronic and mechanical limits have been set, repeat the same operation with the upper limit switch.
4. The upper and lower limit switches can be reversed depending on the position of the motor or how it winds the towrope on the pulley or shaft (inside or outside). Therefore, the best way to know which one corresponds to is - with the motor running in one direction - manually press the microswitch lever to see which of the two stops the reducer. In this way you will know which one blocks the ascent and which one the descent.
5. It is recommended to periodically check the mechanical limit switches since the towrope can suffer alterations due to changes in temperature, traction, weight increasing, etc.

IT IS EXTREMELY IMPORTANT TO LET THE MICROSWITCH LEVER TOUCH BUT NOT PRESS THE STOP (Figure 2) SINCE THEY ARE MECHANICAL SAFETY STOPS AND THE REGULATOR WILL WORK ACCORDING TO THE ELECTRONIC LIMIT SWITCHES

