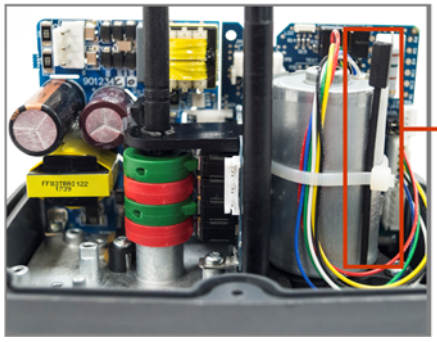
Adjustment of the cams

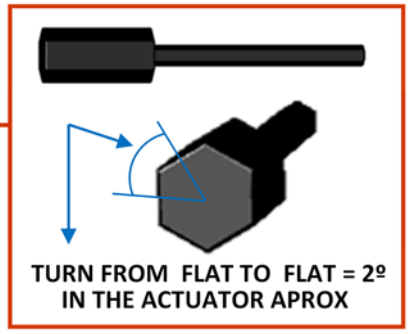
Under normal conditions, the actuator may only be operated with the closed cover.

If work is performed on the actuator with the removed cover, the supply and control voltage must first be disconnected. Adjustments, which need to be done in the energized state, should be carried out with special insulated tools.

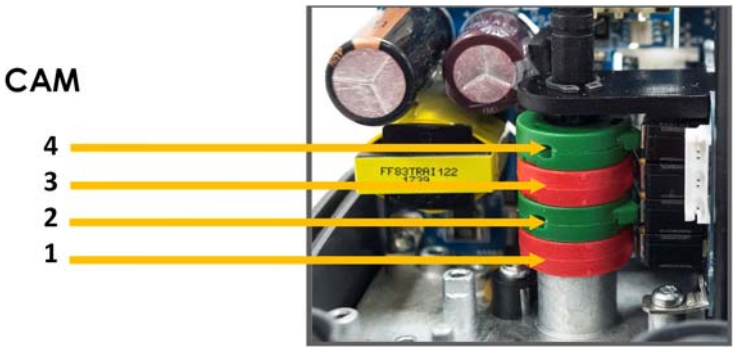
How to do it: Tolling: One special plastic wrench (is supplied together with the actuator). The wrench is tied together with the motor by using one plastic clamp.

To move the cams, introduce the special plastic wrench in the hole of the cam and turn it round (see both options on the enclosed pictures).





POSITION OF THE CAMS



Cams 1 and 3

Cams 2 and 4

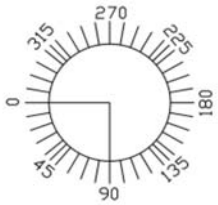
Adjustment of the cams

1) Cam **1** is to adjust the close position.

2) Cam **2** is to adjust the open position.

3) Cam **3** is to adjust the close position confirmation.

To ensure that the position confirmation works, adjust the confirmation cams (3 & 4) 3° (+/-1°) before the motor stop.



The standard actuators are always adjusted at 0° (close) and 90°

1.- ***To adjust the close position at less than 0°.***

Turn the wrench to clockwise direction - cams 1 and 3.

The cam 3 should press the lever of the micro switch a bit earlier than the cam 1.

CAMS 1 / 3

2.- ***To adjust the close position at more than 0°.***

Turn the wrench to anti-clockwise direction - cams 1 and 3.

The cam 3 should press the lever of the micro switch a bit earlier than the cam 1.

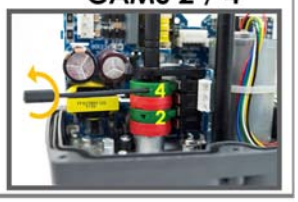
CAMS 1 / 3

3.- ***To adjust the open position to more than 90°.***

Turn the wrench to anti-clockwise direction - cams 2 and 4.

The cam 4 should press the lever of the micro switch a bit earlier than the cam 2.

CAMS 2 / 4



4.- ***To adjust the open position to less than 90°***

Turn the wrench to clockwise direction - cams 2 and 4.

The cam 4 must press the lever of the micro switch a bit earlier than the cam 2.

CAMS 2 / 4