Obstacle detection

During the downward movement :

If the motor reaches an obstacle during the downward movement , it stops automatically its movement and return back from an half turn in order to free the obstacle.

In order to have a reliable obstacle detection, it's important to follow the abacus:

-If the motor is too sensitive ➜ the risk is to have false stops

-If the motor is not enough sensitive ➜ the risk is to not detect an obstacle

The obstacle detection is activated during all the downward movement
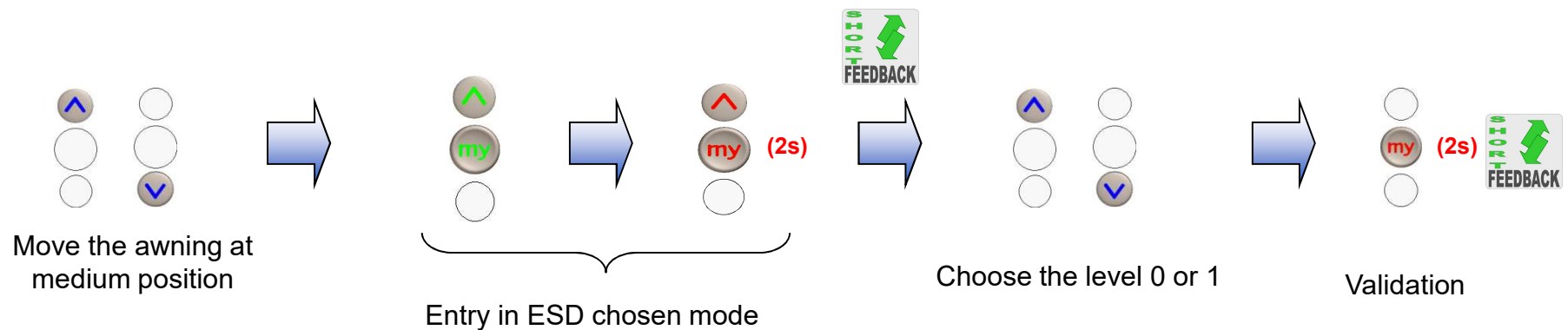
During the upward movement :

An obstacle detection is also activated during the upward movement (Like an Oximo : stop + back release)

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Obstacle Detection: deactivation / Activation

This function give the possibility for our customer to deactivate the obstacle detection during the downward movement in case of untimely stops (Load bar very slight for example)

By **security**, this function is activate by default, and can being deactivate through a remote control ergonomic (*when the application is in a middle position*)

Move the awning at medium position

Entry in ESD chosen mode

Choose the level 0 or 1

Validation

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Obstacle detection: ergonomics details

ESD level 0 : The obstacle detection is reliable on most of Zip Screens
ESD level 1 : The obstacle detection is deactivated (less sensitive)

(2s)

SHORT FEEDBACK

ESD level 0
(Default)

SHORT FEEDBACK

ESD level 1

SLOW FEEDBACK

(2s)

SHORT FEEDBACK

2s maxi

10s maxi

If no action after 10s or the actuator goes back to user mode without feedback.
This time out is re-launched after every press

If no action after 2s, the actuator goes back to user mode without feedback

Other functions ⇨

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