



## User Guide

The Thresholds app allows you to define the thresholds at which the robot will register an error. All apps within the Thresholds group app will operate under the force and torque threshold values defined within the app, overwriting those in the task settings.

### Tab: Force Thresholds

Set the threshold at which an error will occur when the detected force in an axis (in Newtons) or rotation (in Newton meters) is exceeded. Set the force threshold by dragging the slider, clicking the left and right arrows, or entering a manually value in the input box. The visual representations of the axes and rotations will be displayed in colours representing the value currently configured for that axis or rotation.

You can individually set the threshold of:

- X Axis
- Y Axis
- Z Axis
- X Rotation
- Y Rotation
- Z Rotation

Alternatively you can change the value of the 'Set All' slider to adjust all threshold values at the same time in a single click.

## **Tab: Torque Thresholds**

Set the threshold at which an error will occur when the detected torque, in Newton meters, at a joint is exceeded. Set the torque threshold by dragging the slider, clicking the left and right arrows, or entering a manually value in the input box. The visual representations of the joints will be displayed in colours representing the threshold value currently configured for that joint.

You can individually set the torque threshold of Joints 1 through 7.

Alternatively you can change the value of the 'Set All' slider to adjust all torque threshold values at the same time in a single click.