



Relative Motion



User Guide

The Relative Motion app is used to move the end effector to a position relative to its current position. This is often used in conjunction with the Repeat app or Pattern app where the same relative motion is needed for many different points.

Tab: Relative Motion

Define the robot's goal position, relative to its current position.

Option: Coordinate System

Select whether the robot will move to the defined offset in the End Effector coordinate system or in the World coordinate system. A visual representation of the X, Y and Z axes is shown for the selected coordinate system, and is updated in real time as the robot is being moved. This helps the user better understand where the axes are currently aligned, as well as the positive and negative directions of each axis.

Option: Offset

Select the offset in mm in each of the X, Y and Z axes. When the app is executed, the robot will move the defined offsets from its current position.

Tab: Speed

Set the speed that will be used when moving to the defined pose. This will be affected by the task speed.

Tab: Acceleration

Set the acceleration that will be used when moving to the defined pose.