
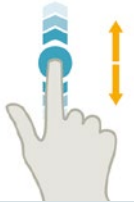
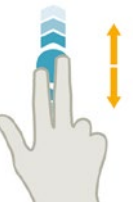











Intuitive gesture-based operation: smartOperate

Sinumerik PLCs with touch panels are intuitive to operate. Tapping, swiping, and sliding motions have the effects that we are already familiar with (and expect!) from using

smartphones and tablets. The panels' quick and easy gesture-based operation with multi-touch capability is therefore known as "smartOperate."

	<p>Tap</p> <ul style="list-style-type: none"> • Select window • Select object (e.g., NC set) • Activate input field 		<p>Vertical swipe with 1 finger</p> <ul style="list-style-type: none"> • Scroll in lists (e.g., programs, tools, zero points) • Scroll in files (e.g., NC programs)
	<p>Vertical swipe with 2 fingers</p> <ul style="list-style-type: none"> • Scroll page by page in lists (e.g., R parameters, machine data) • Scroll page by page in files (e.g., NC programs) 		<p>Vertical swipe with 3 fingers</p> <ul style="list-style-type: none"> • Scroll to start or end of lists • Scroll to start or end of files (e.g., large mold-making NC programs)
	<p>Horizontal swipe with 1 finger</p> <ul style="list-style-type: none"> • Scroll in lists with many columns (e.g., tool list) 		<p>Enlarge</p> <ul style="list-style-type: none"> • Enlarge graphical content (e.g., simulation, to better view details)
	<p>Reduce</p> <ul style="list-style-type: none"> • Reduce graphical content (e.g., simulation, to see a full view of the workpiece) 		<p>Slide with 1 finger</p> <ul style="list-style-type: none"> • Move graphical content (e.g., simulated image, to see the approach movement better) • Move list content
	<p>Slide with 2 fingers</p> <ul style="list-style-type: none"> • Rotate graphical content (e.g., simulation, to see the back of the workpiece) 		<p>Tap and hold</p> <ul style="list-style-type: none"> • Open object for editing (e.g., NC set)
	<p>Tap with 2 fingers</p> <ul style="list-style-type: none"> • Bring up context menu (e.g., copy, paste) 		<p>Tap with 2 index fingers</p> <ul style="list-style-type: none"> • Tap right and left corner at the same time to open main menu