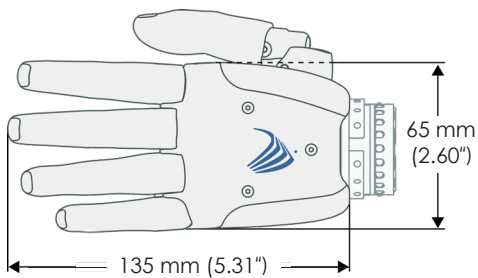


VINCENTyoung3+

Technical Specification

Storage and transport in the original packaging		Protection class: IP67 Temperature range: -20 °C/-4 °F to +80 °C/+176 °F		
Operation		from -5 °C/+23 °F to +45 °C/+113 °F max. 95 % humidity, noncondensing		
Operating Voltage		4.9 V to 8.4 V		
Standby Current		18 mA		
Max. Current		5.0 A		
Dimensions				
Opening width		80 mm		
Weight	Vy3+ Short <i>(VINCENTwrist short)</i>	ca. 325 g		
	Vy3+ Flex Short <i>(VINCENTwrist short + flexion)</i>	ca. 365 g		
	Vy3+ Basic <i>(VINCENTwrist quicksnap)</i>	ca. 350 g		
	Vy3+ Basic Flex <i>(VINCENTwrist quicksnap + flexion)</i>	ca. 395 g		
Number standard grasps		9		
Number additional grasps		6		
Force on individual fingers when finger flexed to max., measured from centre of finger socket (static)		300 N (approx. 30 kg)		
Force on fingertip with extended finger (static)		120 N (approx. 12 kg)		
Maximum grasp force of thumb		33 N (approx. 3.3 kg)		
Maximum grasp force of finger		40 N (approx. 4 kg)		
Maximum finger speed		185° per second		
Maximum thumb speed		135° per second		
Time from completely opened to completely closed		0.54 per second		
Flection of the wrist		54° in 3 steps (18° each)		
Extension of the wrist		54° in 3 steps (18° each)		
Lifespan of the product		5 years		
Water resistance		IP67		
Corrosion resistance		CRC class II		
Wireless module	Model	WML-C46 (Mitsumi)	BC127 (Sierra Wireless)	BT122 (Silicon Labs)
	FCC-ID	P00WML-C46	SSSBC127-X	QOQ-BT122
	Frequency range	2.402 MHz - 2.480 MHz	2.402 MHz - 2.480 MHz	2.402 MHz - 2.480 MHz