

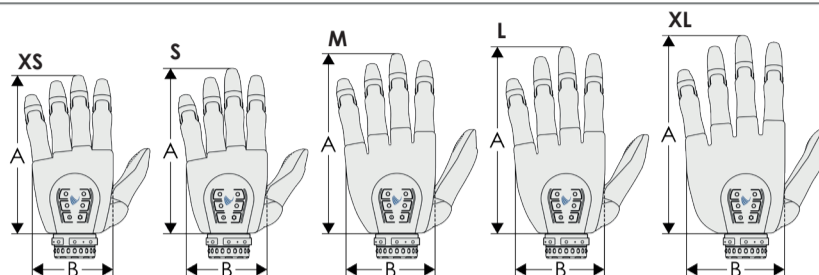
VINCENTevolution5

Technical Specifications

Transport in the original packaging	Waterproof protective case
Storage / Transport / Operation	from -5 °C/+23 °F to +45 °C/+113 °F max. 95 % humidity, noncondensing
Operating Voltage	7.4 V to 8.4 V
Standby Current	16 mA
Max. Current	3.0 A

Dimensions

Size	XS	S	M	L	XL
Length A [mm][inches]	135 5.31	145 5.71	155 6.10	165 6.50	175 6.89
Width B [mm][inches]	70 2.76	70 2.76	80 3.15	80 3.15	85 3.35



Sizes		XS	S	M	L	XL
Opening width		117 mm	120 mm	132 mm	140 mm	147 mm
Weight	Ve5 Short <i>(VINCENTwrist short)</i>	ca. 400 g	ca. 404 g	ca. 456 g	ca. 458 g	ca. 498 g
	Ve5 Short Flex <i>(VINCENTwrist short + flexion)</i>	ca. 459 g	ca. 463 g	ca. 515 g	ca. 517 g	ca. 557 g
	Ve5 Basic <i>(VINCENTwrist quicksnap)</i>	ca. 437 g	ca. 441 g	ca. 493 g	ca. 495 g	ca. 535 g
	Ve5 Basic Flex <i>(VINCENTwrist quicksnap + flexion)</i>	ca. 496 g	ca. 500 g	ca. 552 g	ca. 554 g	ca. 594 g
Load capacity of closed hand (static)		450 N (approx. 45 kg)				
Load capacity of closed single finger (static)		350 N (approx. 35 kg)				
Max. grip force of thumb (lateral)		35 N (approx. 3.5 kg)				
Max. grip force of finger (center proximal phalanx)		95 N (approx. 9.5 kg)				
Grip force between thumb and index finger		44 N (approx. 4.4 kg)				
Swivel force of thumb		125 N (approx. 12.5 kg) optimized for cosmetic and work gloves				
Max. finger speed		0.6 s (155 ° / s)				
Max. thumb speed		Close: 0.36 s (122 ° / s) / Swivel: 0.48 s (163 ° / s)				
Wrist rotation range		Quicksnap: 360° / Transcarpal: 360° unlimited				
Flexion/Extension of the wrist		72° in 5 steps (18° each)				
Lifespan of the product		5 years				
Water resistance		IP68				
Corrosion resistance		CRC class II				
Wireless module	FCC-ID	QOQ-BT122				
	Range	Min. 3 m by line of sight				
	Frequency range	2402 MHz - 2480 MHz				
	Modulation	GFSK				
	Max. output power	10 dBm				
Number of basic grips		7				
Number of grips with switching signal		16 (including 2 individual grips)				
Individual grips		16 grips for selection + possibility to define your own grips				
Customizability		Combination of 8 different base colors with 5 metallic colors or titanium				
Haptic		Fully rubberized palm				
Precision in the pinch grip		Objects from Ø1 mm can be gripped				
Touchscreen capability		Index finger as standard, all fingers optional				
Artificial sense of touch		Vibrotactile Force-Feedback				
Cosmetic glove		GF. cosmetic glove / GF. color glove				
Work glove		GF. work glove				
Full water protection (prosthetic socket and hand)		In combination with VINCENTaqua				