

# VINCENTpartial3+

## Technical specification

<b>Storage and transport in the original packaging</b>	Protection class: IP67 Temperature range: -20 °C/-4 °F to +80 °C/+176 °F
<b>Operation</b>	from -5 °C/+23 °F to +45 °C/+113 °F max. 95 % humidity, non-condensing
<b>Operating Voltage</b>	4.9 V to 8.4 V
<b>Standby Current</b>	18 mA
<b>Max. Current</b>	5.0 A

**XXS**



**XS**



**S**



**M**



**L**



**XL**



**XXL**



Sizes and Dimensions [in]	Finger VINCENTfinger3+	XS 3.22"	S 3.43"	M 3.56"	L 3.70"			
	Thumb VINCENTthumb3+_active	S/M 3.22"	L 3.70"					
	Finger frame plate VINCENTframe	XXS 2.6"	XS 2.9"	S 3"	M 3.1"	L 3.3"	XL 3.4"	XXL 3.5"
<b>Number standard grasps</b>	active thumb present: 8; absent: 5							
<b>Number additional grasps</b>	active thumb present: 6; absent: 4							
<b>Force on individual fingers when finger flexed to max., measured from centre of finger socket (static)</b>	approx. 320 N (equivalent to approx. 32 kg)							
<b>Force on fingertip with extended finger (static)</b>	approx. 100 N (equivalent to approx. 10 kg)							
<b>Maximum grasp force of thumb</b>	44 N (equivalent to approx. 4.4 kg)							
<b>Maximum grasp force of finger</b>	27 N (equivalent to approx. 2.7 kg)							
<b>Maximum finger speed</b>	150.62 ° per second							
<b>Maximum thumb speed</b>	168.35 ° per second							
<b>Time from completely opened to completely closed</b>	0.6 seconds							
<b>Lifespan of the product</b>	5 years							
<b>Water resistance</b>	IP67							
<b>Corrosion resistance</b>	CRC class II							
Wireless module	<b>Model</b>	WML-C46 (Mitsumi)						
	<b>FCC-ID</b>	P00WML-C46						
	<b>Frequency range</b>	2.402 MHz - 2.480 MHz						