

# MyoHand VariPlus Speed & VariPlus Greifer

## Program Options

Program #	Program Name	Inputs	Program Description
1	DMC + Sensor (Dynamic Mode Control) Proportional Control	2	<ul style="list-style-type: none"> <li>• 2 electrodes</li> <li>• 2 strong signals (between ON &amp; High thresholds)</li> <li>• Fire extensor, hand opens</li> <li>• Fire flexor, hand closes</li> <li>• Stronger signals operate hand quickly; mild signals operate slowly</li> <li>• Stronger signals provide more grip force; mild signals less force</li> <li>• 50% auto grasp = hand will generate up to 50% more grip force than they initially create</li> </ul>
2	AutoControl - Low Input Limited Proportional Control	2	<ul style="list-style-type: none"> <li>• 2 electrodes or switch combination</li> <li>• 1 weak (flexor) signal, 1 moderate (extensor) signal</li> <li>• Open Signal = reaches between ON &amp; LOW; Proportional control (limited)</li> <li>• Close Signal = above ON; Digital control</li> <li>• Full Auto Grasp &amp; Flexi Grip</li> </ul>
3	VarioControl Proportional Control	1	<ul style="list-style-type: none"> <li>• <i>Similar to program 4 on SensorHand Speed</i></li> <li>• 1 electrode or 1 linear transducer</li> <li>• 1 Strong signal required; speed depends on strength/rate of signal rise/fall</li> <li>• Fire signal quickly, hand opens quickly</li> <li>• Relax signal quickly, hand closes quickly</li> <li>• Increased grip force if relax/close quickly; less grip force if close/relax slowly</li> <li>• Option for linear transducer in a harness; very similar function to body power</li> <li>• Full Auto Grasp &amp; Flexi Grip at full speeds (<i>both require at least 5 lbs. of initial grip force to activate</i>)</li> </ul>
4	VarioDual Proportional Control	2	<ul style="list-style-type: none"> <li>• 2 electrodes</li> <li>• 2 strong signals</li> <li>• Speed depends on strength/rate of signal rise/fall</li> <li>• Fire extensor, hand opens (proportionally)</li> <li>• Relax extensor, hand closes (proportionally)</li> <li>• Fire flexor signal to increase grip force</li> <li>• Program that is closest to physiological function</li> </ul>
5	Digital Control	2	<ul style="list-style-type: none"> <li>• 2 electrodes or switch combination</li> <li>• Open: Cross ON threshold for constant, maximum speed</li> <li>• Close: Cross ON threshold for constant, maximum speed</li> <li>• Time-based grip force control</li> </ul>
6	Double-Channel Control Digital Control	1	<ul style="list-style-type: none"> <li>• 1 electrode or 1 linear transducer</li> <li>• Quick/strong signal opens hand</li> <li>• Slow/mild signal closes hand</li> <li>• Time-based grip force control</li> </ul>