

SensorHand Speed

Program Options

Program #	Program Name	Inputs	Program Description
1	DMC + Sensor (Dynamic Mode Control) Proportional Control	2	<ul style="list-style-type: none"> • 2 electrodes • Signals between ON & High thresholds (2 strong signals) • Fire extensor, hand opens • Fire flexor, hand closes • Stronger signals operate hand quickly; mild signals operate slowly • Stronger signals provide more grip force; mild signals less force • 50% auto grasp = hand will generate up to 50% more than they initially create
2	AutoControl - Low Input Limited Proportional Control	2	<ul style="list-style-type: none"> • 2 electrodes or switch combination • 1 weak (flexor) signal, 1 moderate (extensor) signal • Open Signal = reaches between ON & LOW; Proportional control (limited) • Close Signal = above ON; Digital control • Full Auto Grasp & Flexi Grip
3	AutoControl - EVO Mode (Electronic Voluntary Open) Digital Control	1	<ul style="list-style-type: none"> • 1 electrode or 1 switch • 1 weak signal; only needs to reach on threshold • Fire signal (above ON), hand opens at maximum speed • Relax signal (below ON) hand closes at maximum speed • Grip force can only be increased via activation of Auto Grasp (slippage of item in grasp) • Full Auto Grasp & Flexi Grip
4	VarioControl Proportional Control	1	<ul style="list-style-type: none"> • <i>Similar to program 3, but proportional</i> • 1 electrode or 1 linear transducer • 1 Strong signal; speed depends on strength/rate of signal • Fire signal quickly, hand opens quickly; fire signal slowly hand opens slowly • Relax signal quickly, hand closes quickly; relax signal slowly hand closes slowly • More grip force if close quickly; less grip force if signal relaxed slowly • Option for linear transducer in a harness; very similar function to body power • Full Auto Grasp & Flexi Grip at full speeds (<i>both require at least 5 lbs. of initial grip force to activate</i>)
5	VarioDual Proportional Control	2	<ul style="list-style-type: none"> • 2 electrodes • 2 strong signals • Speed depends on strength/rate of signal • Fire extensor, hand opens (proportionally) • Relax extensor, hand closes (proportionally) • Fire flexor signal to increase grip force • Program that is closest to physiological function
6	DMC+ Sensor	2	<ul style="list-style-type: none"> • Same as program 1, but thumb sensor / Auto Grasp can be turned OFF/ON at user's will