

Touch Pads – Input Devices

LTI Touch Pads:

Touch Pads™ are force sensing resistors (FSR) - pressure-sensing devices. As the applied pressure increases on the surface of the Touch Pad, the resistance changes (decreases) resulting in a change in the output signal to the prosthetic controller. This is commonly referred to as **Proportional Control**. This feature enables the user to vary the pressure applied to the Touch Pad and control the speed of the prosthetic device.

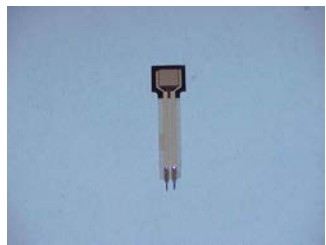
Touch Pads must be mounted on a hard flat surface, then a vapor barrier and foam pads placed over them. This will prevent moisture from affecting them and prolong their life. Touch Pad kits are supplied with the FSRs, foam pads and the vapor barrier as well as detailed instructions to insure correct installation.



TP01 Touch Pad Kit - 3 Pads ($\frac{3}{4}$ ” diameter), 4 covers
Requires Touch Pad Cables –see below



TP02 Single $\frac{3}{4}$ ” diameter Touch Pad
Requires Touch Pad Cable –see below



TP08 Single Touch Pad .4” x .4” with solder tabs, no connector

Touch Pad Cables:



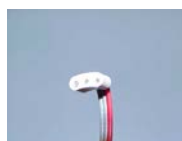
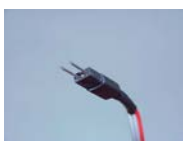
TP05 Cable, Touch Pad, Bock QD, 250mm long
Touch Pad Cables terminate in a Bock-style 3-socket connector



Touch Pads – Input Devices



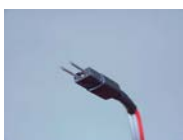
TP06 Cable, Touch Pad, Bock QD, 500mm long
Touch Pad Cables terminate in a Bock-style 3-socket connector



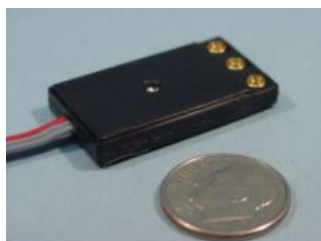
TP07 Cable, Touch Pad, Bock QD, 750mm long
Touch Pad Cables terminate in a Bock-style 3-socket connector



TP10 Cable, Touch Pad, unterminated, 750mm long
TP10 has no Bock-style 3-socket connector



Touch Pad Proportional Circuit:



TP___ Proportional Signal Circuit for Touch Pads, 2 channel

Coming soon!

This optional circuit improves the proportional characteristics of the Touch Pads and provides much better low-speed control of the prosthesis – recommended!