

# AccuPump and BasePump Connector Guide

Whenever there are mating connectors, either liquid or electrical, TriContinent has made every effort to specify only proven and readily available components to make integrating our products into your system as easy and reliable as possible.

The following list has been compiled to assist you in locating components to complete your fluid systems. This inclusion of any particular manufacturer or vendor imply a disapproval of their product or services.

Product	Position	Purpose	Type	Connector	*Used Mating Connector
BasePump	J1	Stepper Motor Home Opto	10-pin Ribbon	Samtec: TST-105-01-T-D	Amp: 746286-1
BasePump with Valve	J1	Stepper Motor & DC Motor Optos	20-pin Ribbon	Samtec: TST-110-01-T-D	Amp: 746286-4
AccuPump	J2 J4	Logic Interface Address Selection	20-pin Ribbon Jumper Header	Samtec: TST-110-10-01-T-D Samtec: TSW-104-14-T-D	Amp: 746286-4 Assman: AKSNT-Z-BLK
AccuPump with Valve	J2 J4	Logic Interface Address Selection	20-pin Ribbon Jumper Header	Samtec: TST-110-01-T-D Samtec: TSW-104-14-T-D	Amp: 746286-4 Assman: AKSNT-Z-BLK
Logic PCBA	J1 J2 J3	RS-232 Interface Logic Interface Power Input	Modular 20-pin Ribbon Header	HRS: 520258-2 Samtec: TST-110-01-T-D Molex: 22-27-2051	HRS: H2642-07-ND Amp: 746286-4 Moles: 22-01-3057
Regulator PCBA	J1 J2	Power Input Logic Interface	Terminal Block 20-pin Ribbon	Wieland: 25.104.0253 Samtec: TST-110-01-T-D	14AWG Wire (max.) Amp: 746286-4
Power Supply PCBA	J1 J3	AC Power IN DC Power OUT	Header Header	Panduit: MLSS-156-6 Molex: 22-27-2051	Panduit: CE156F20-6 Molex: 22-01-3057

## Connector Equivalents

Samtec: SSQ-105-03-T-D same as AMP: 746286-1

Samtec: SSQ-110-03-T-D same as AMP: 746286-4

\*There are often lower cost "generic" versions available. You can locate mating parts by calling any reputable distributor.

## Tubing Assemblies and Fittings

TriContinent prefers to utilize locking luer type connectors for their inherent ease of use and sealing characteristics.

Should your system require the use of both screwhead and luer type fittings, there are several quality, reliable adapters made to convert one type to the other.

Tubing settings can be created easily by using any of a variety of "off the shelf" connectors and tubing of desired diameter and material.