

## 4 Feedthroughs

## TM OSEM



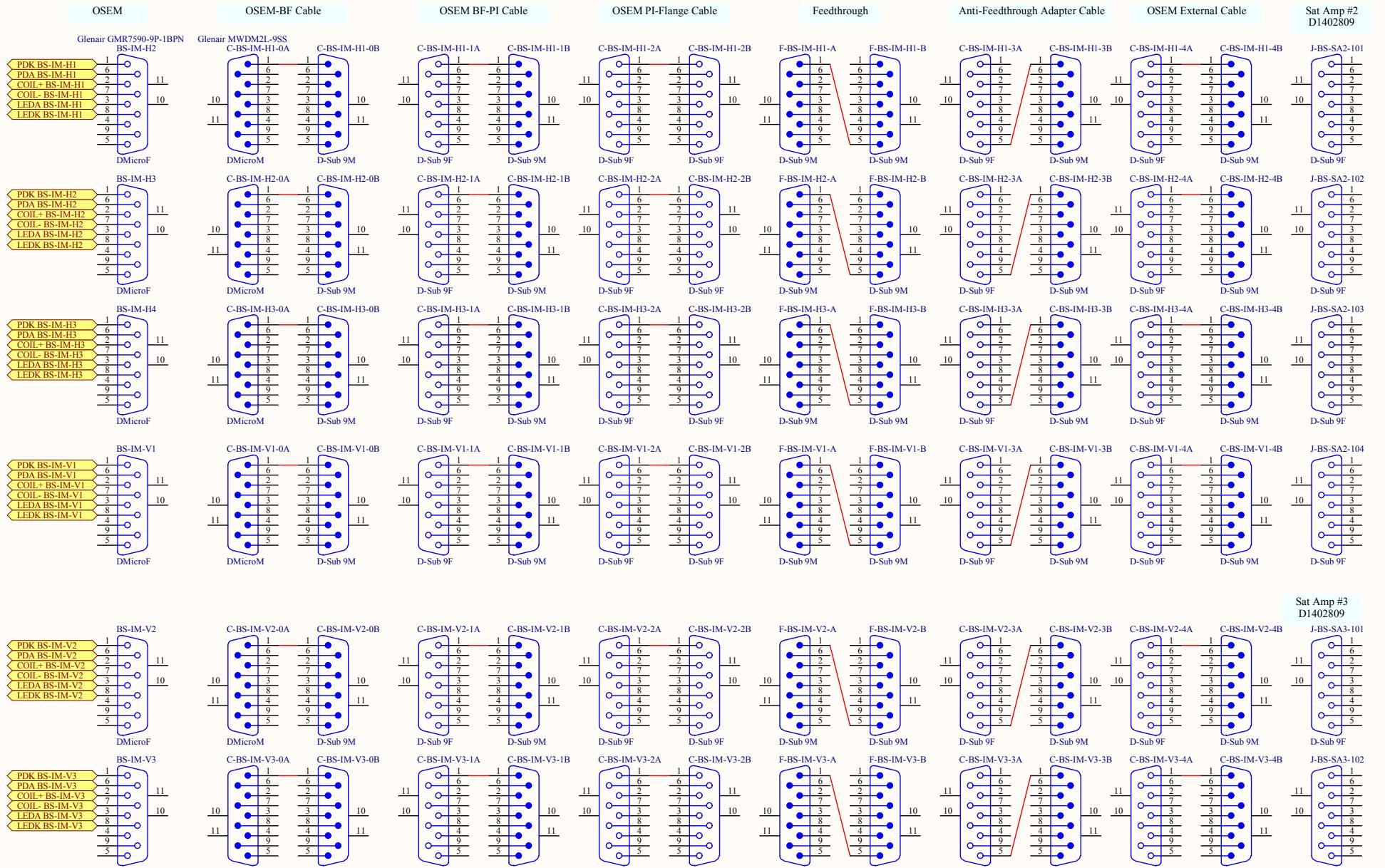
5 <=> 1 pin flip, M <=> M,  
for use without feedthrough

For testing the suspension outside the vacuum tank,  
there should be a supply of plain M-M gender changers  
to replace the combination of Feedthrough+Anti-Feedthrough adapter cable.

Title		
	BS Suspension Cabling - Test Mass OSEMs	
Size	Number	Revision
A3	JGW-D1503600	v4
Date:	2015/06/09	Sheet of
File:	Z:\Work\ATM OSEMs.SchDoc	Drawn By:

## 6 Feedthroughs

### IM OSEMs

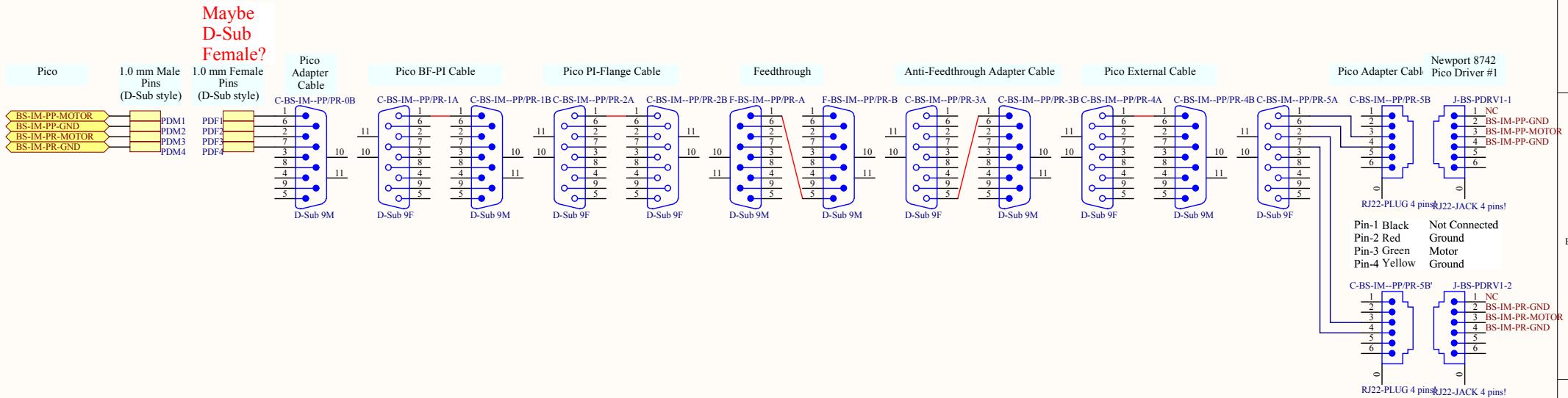


Title: BS Suspension Cabling - Intermediate Mass OSEMs

Size A3	Number JGW-D1503600	Revision -v4
Date: 2015/06/09		Sheet of
File: Z:\Work\IM OSEMs.SchDoc		Drawn By:

# 1 Feedthrough

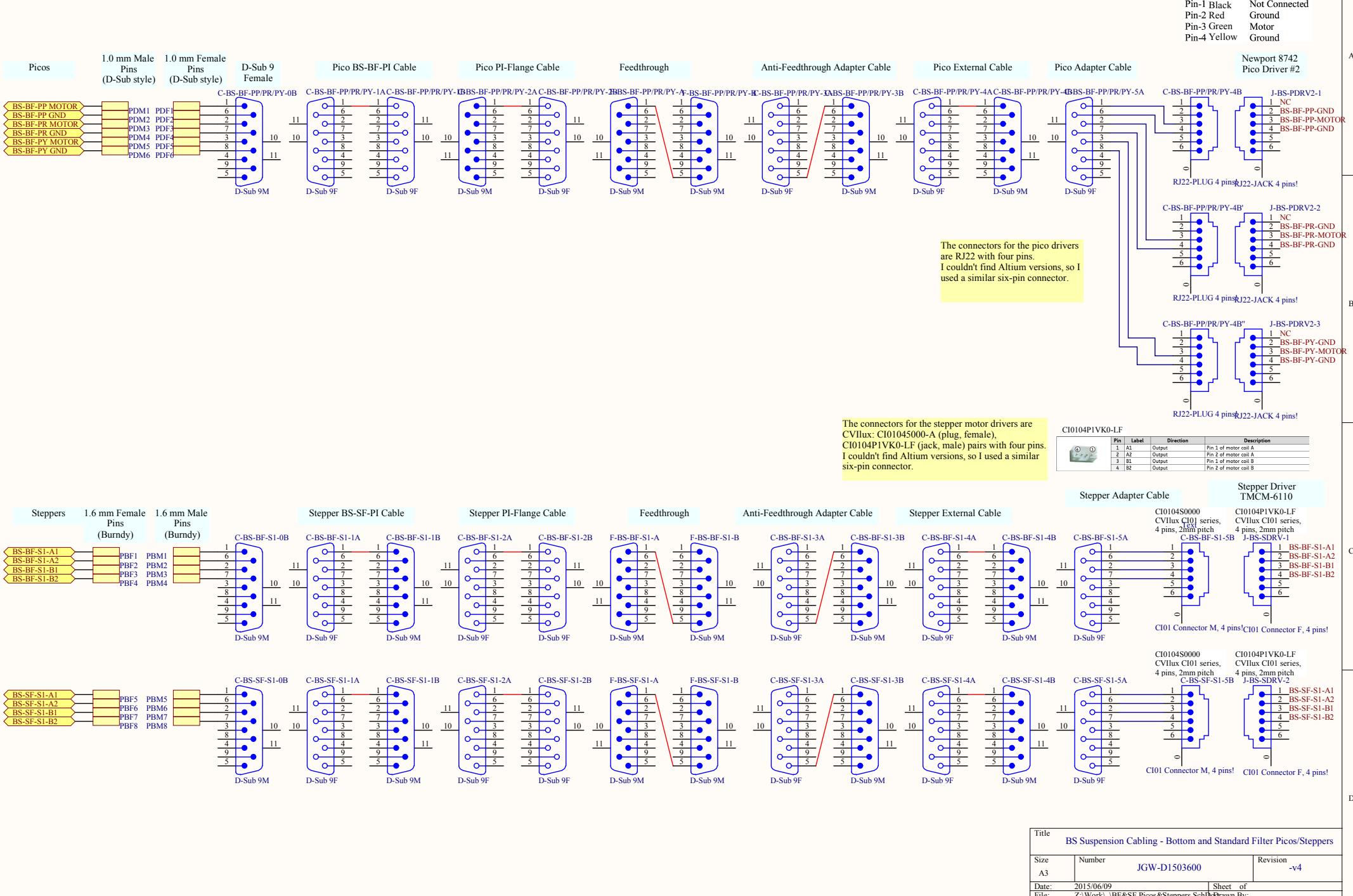
## IM Picomotors



Title BS Suspension Cabling - Intermediate Mass Picos		
Size A3	Number JGW-D1503600	Revision -v4
Date: 2015/06/09		Sheet of
File: Z:\Work\IM Picos.SchDoc		Drawn By:

## BF and SF Picomotors and Steppers

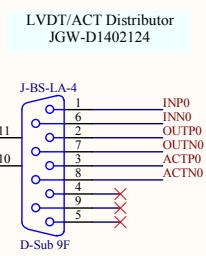
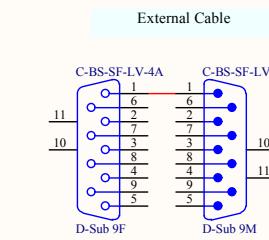
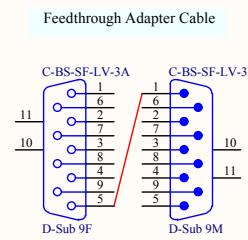
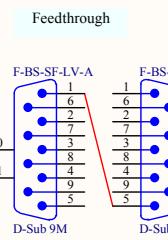
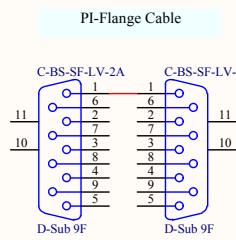
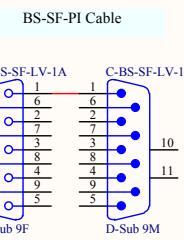
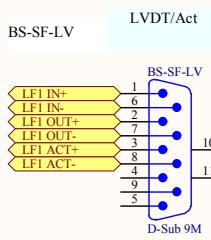
### 3 Feedthroughs



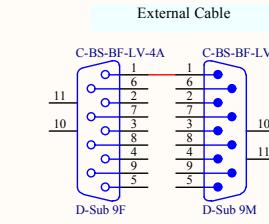
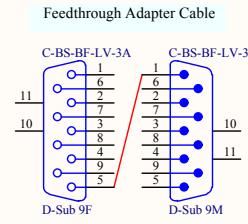
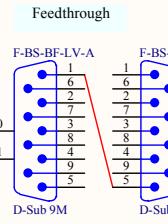
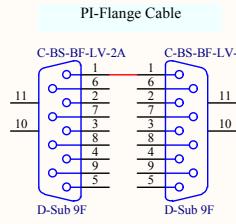
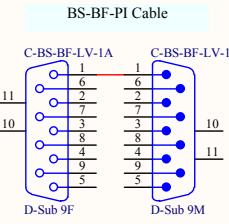
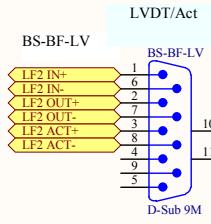
## BF and SF LVDT/ACTs

## 2 Feedthroughs

A



B



J-BS-LA-6 and J-BS-LA-7 not used

C

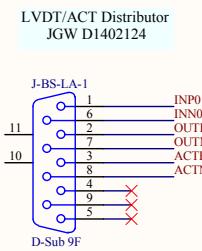
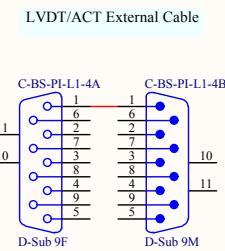
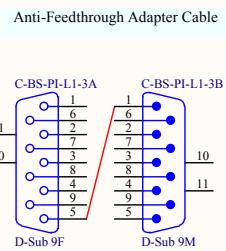
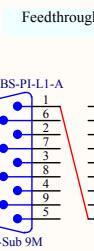
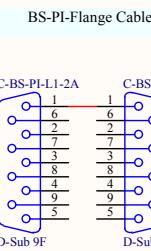
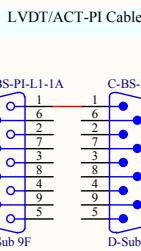
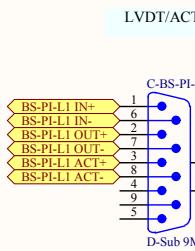
D

Title		
BS Suspension Cabling - Bottom and Standard Filter LVDTs		
Size	Number	Revision
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Date:	2015/06/09	Sheet of
File:	Z:\Work\BF&SF LVDTs.SchDoc	Drawn By:

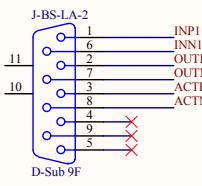
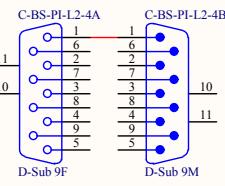
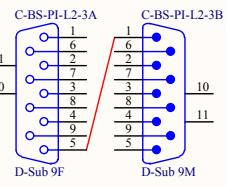
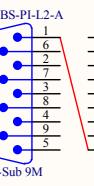
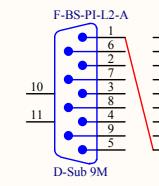
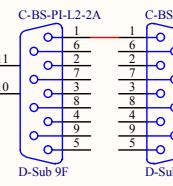
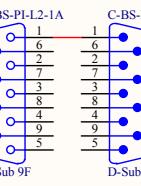
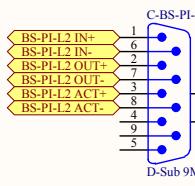
## 4 Feedthroughs

### Preis isolator LVDT/ACTs

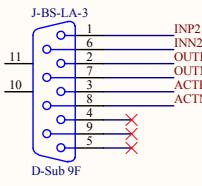
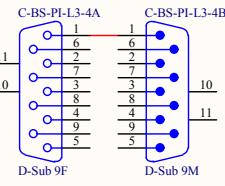
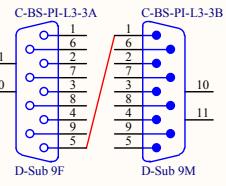
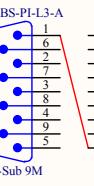
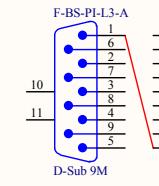
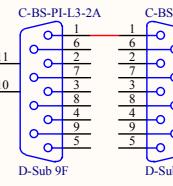
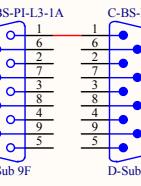
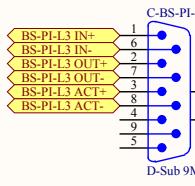
A



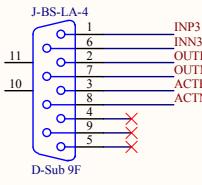
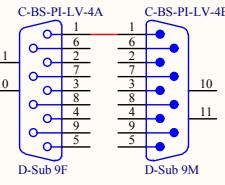
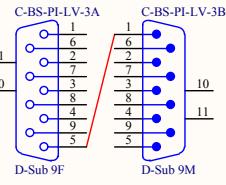
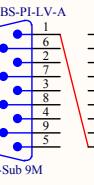
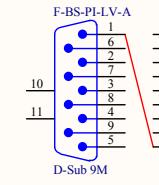
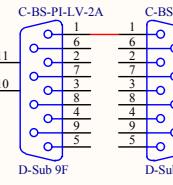
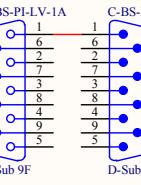
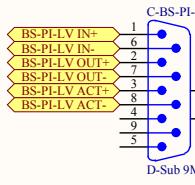
A



B



C



D

#### LVDT-COIL

Pin	Function
1	LVDT IN P
2	LVDT OUT P
3	COIL P
4	
5	
6	LVDT IN N
7	LVDT OUT N
8	COIL N
9	

Title BS Suspension Cabling - Preis isolator LVDT/Actuators		
Size A3	Number JGW-D1503600	Revision -v4
Date: 2015/06/09		Sheet of
File: Z:\Work...\PI LVDTs.SchDoc		Drawn By:

### 3 Feedthroughs

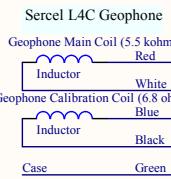
### Preislator Geophones

A

A

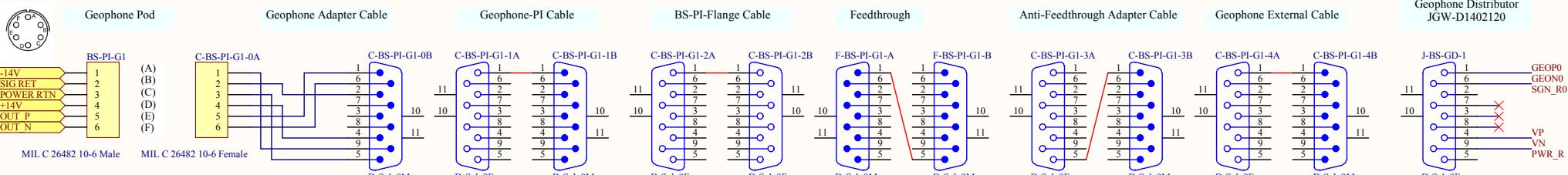
Geophone Pod Internal Cabling  
(same for all three pods):

Pod #1: geophone L400002322, preamp 15  
Pod #2: geophone L400002321, preamp 12  
Pod #3: geophone L400002323, preamp 14



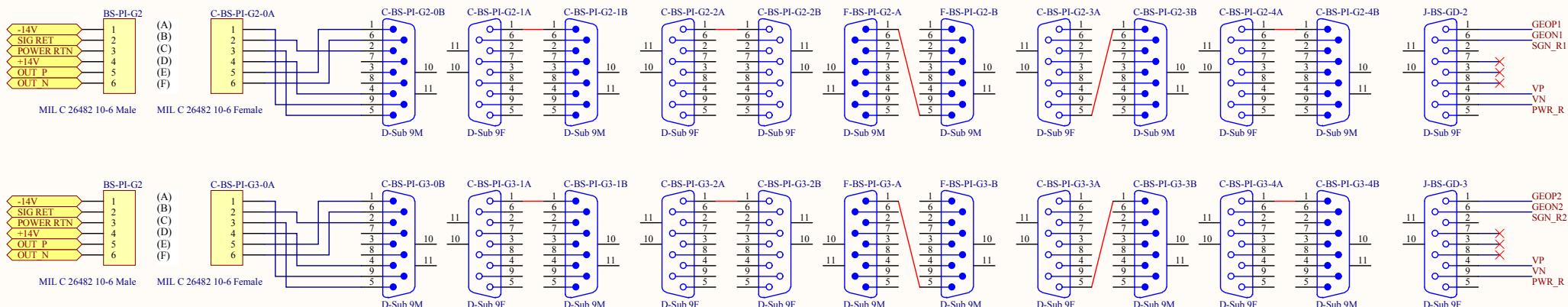
B

B



C

C



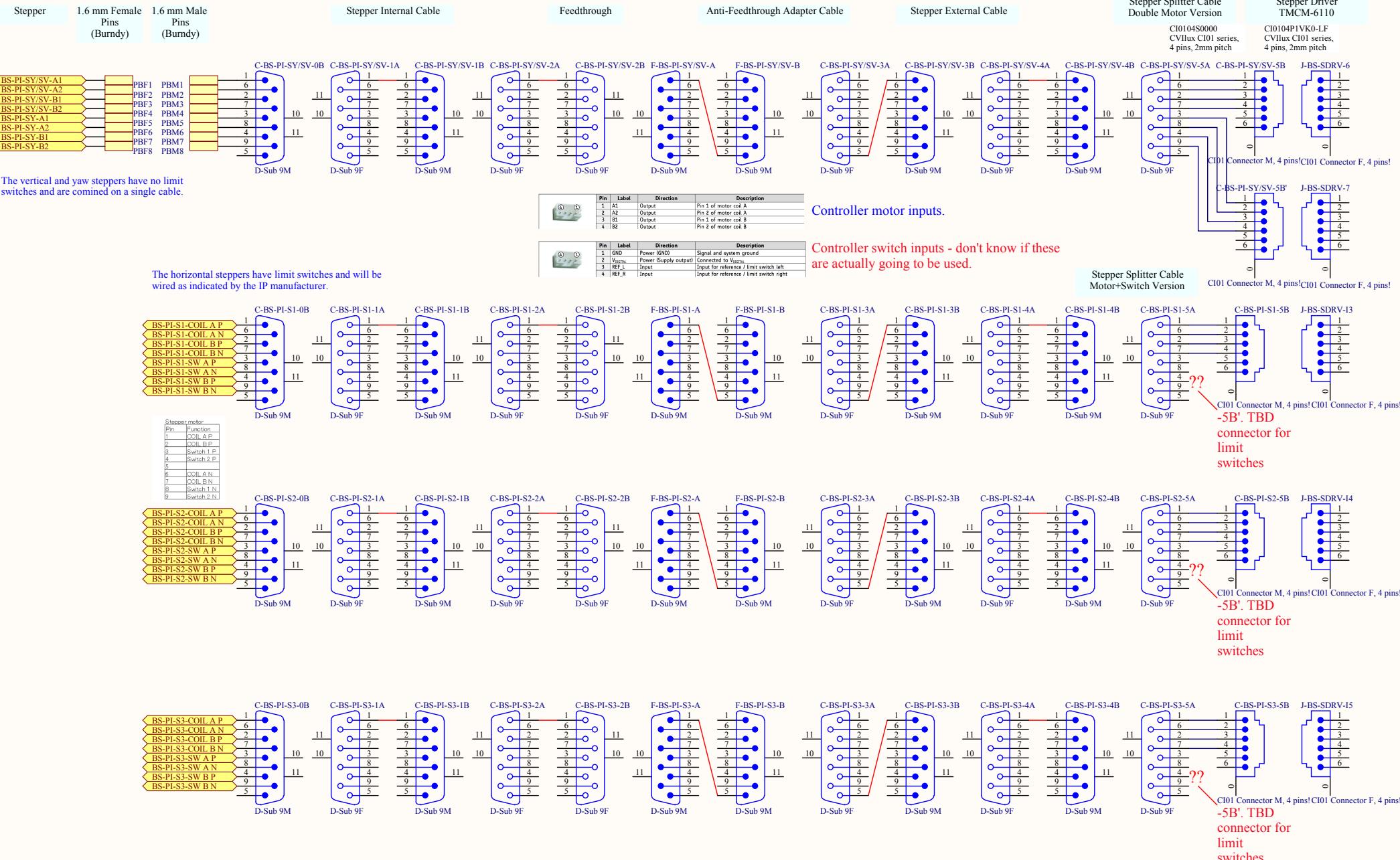
J-BS-GD-4 not used

D

D

Title		
Size	Number	Revision
A3	JGW-D1503600	-v4
Date:	2015/06/09	Sheet of
File:	Z:\Work\...\PI Geophones.SchDoc	Drawn By:

## Preis isolator Steppers/Pico



Title BS Suspension Cabling - Preis isolator Steppers and Picomotor

Size A3 Number JGW-D1503600 Revision -v4

Date: 2015/06/09 Sheet of 1 Drawn By:

File: Z:\Work\PI Picos&Steppers.SchDoc