

Channel numbers for VIS

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JGW-T1100689

These numbers are counted from

[JGW-T1201104](#).

Quantity matrix

Item		ADC	DAC	BO	CAT5	Whitening	Dewhitening	Description
LVDT		2	1	0	0	0	0	Position sensor
ACC		1	0	0	0	1	0	Acelerometer (geophone)
VC		1	1	0	0	0	1	Voltage Controller (actualtor)
STP	??	0	0	2	0	0	0	Stepper Motor
PIC	??	0	0	0	1	0	0	Pico Motor
OSEM		1	1	0	0	1	1	Shadow sensor / Coil-magnet acuator

Type B 7

Location	Item	Qty.	ADC	DAC	BO	CAT5	Whitening	Dewhitening	Comments
IP+Filter0	LVDT	4	8	4	0	0	0	0	
	ACC	4	4	0	0	0	4	0	
	VC	4	4	4	0	0	0	4	
	STP	4	0	0	8	0	0	0	
	PIC	1	0	0	0	1	0	0	
	OSEM	0	0	0	0	0	0	0	
Filter1	LVDT	1	2	1	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	1	1	1	0	0	0	1	
	STP	0	0	0	0	0	0	0	
	PIC	0	0	0	0	0	0	0	
	OSEM	0	0	0	0	0	0	0	
BF	LVDT	1	2	1	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	1	1	1	0	0	0	1	
	STP	0	0	0	0	0	0	0	
	PIC	2	0	0	0	2	0	0	
	OSEM	0	0	0	0	0	0	0	
IM-IRM	LVDT	0	0	0	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	0	0	0	0	0	0	0	
	STP	0	0	0	0	0	0	0	
	PIC	2	0	0	0	2	0	0	
	OSEM	6	6	6	0	0	6	6	
TM-RM	LVDT	0	0	0	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	0	0	0	0	0	0	0	
	STP	0	0	0	0	0	0	0	
	PIC	0	0	0	0	0	0	0	
	OSEM	4	4	4	0	0	4	4	
total			32	22	8	5	14	16	ADC: 2 cards, DAC: 2 cards

Type A

Location	Item	Qty.	ADC	DAC	BO	CAT5	Whitening	Dewhitening	Comments
IP+Filter0	LVDT	4	8	4	0	0	0	0	
	ACC	4	4	0	0	0	4	0	
	VC	4	4	4	0	0	0	4	
	STP	4	0	0	8	0	0	0	
	PIC	1	0	0	0	1	0	0	
	OSEM	0	0	0	0	0	0	0	
Filter1	LVDT	1	2	1	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	1	1	1	0	0	0	1	
	STP	0	0	0	0	0	0	0	
	PIC	0	0	0	0	0	0	0	
	OSEM	0	0	0	0	0	0	0	
Filter2	LVDT	1	2	1	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	1	1	1	0	0	0	1	
	STP	0	0	0	0	0	0	0	
	PIC	0	0	0	0	0	0	0	
	OSEM	0	0	0	0	0	0	0	
Filter3	LVDT	1	2	1	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	1	1	1	0	0	0	1	
	STP	0	0	0	0	0	0	0	
	PIC	0	0	0	0	0	0	0	
	OSEM	0	0	0	0	0	0	0	
BF	LVDT	1	2	1	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	1	1	1	0	0	0	1	
	STP	0	0	0	0	0	0	0	
	PIC	2	0	0	0	2	0	0	
	OSEM	0	0	0	0	0	0	0	
IM-IRM	LVDT	0	0	0	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	0	0	0	0	0	0	0	
	STP	0	0	0	0	0	0	0	
	PIC	2	0	0	0	2	0	0	
	OSEM	6	6	6	0	0	6	6	
TM-RM	LVDT	0	0	0	0	0	0	0	
	ACC	0	0	0	0	0	0	0	
	VC	0	0	0	0	0	0	0	
	STP	0	0	0	0	0	0	0	
	PIC	0	0	0	0	0	0	0	
	OSEM	4	4	4	0	0	4	4	
total			38	26	8	5	14	18	ADC: 2 cards, DAC: 2 cards

Needs DC voltage controller

Needs BO and BI channels for whitening/dewhitening