

Note: -v5 major update, -v6 fixes from review

Key lengths - very rough estimate including spare for draping (m)

Needed:	Bulk cable (m)	Connectors	Etc	Cables
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PI	L3	F-BS-PI-L3	Feedthrough	DS9M	0	DS9M	0 -	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PI	L3	C-BS-PI-L3-3	Anti-Feedthrough	DS9F IDC	1	DS9M IDC	1 Ribbon		0.1	1	0	0	0.1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
PI	L3	C-BS-PI-L3-4	Basic Rack	DS9F	0	DS9M	0 -	TBD2	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	LV	C-BS-PI-LV-1	LVDT	???	???	DS9M	1 Gore		1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	LV	C-BS-PI-LV-2	TR to Flange Signal (19)	DS9FV	1	DS9FV	1 Gore		2	1	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
PI	LV	F-BS-PI-LV	Feedthrough	DS9M	0	DS9M	0 -	-			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PI	LV	C-BS-PI-LV-3	Anti-Feedthrough	DS9F IDC	1	DS9M IDC	1 Ribbon		0.1	1	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	LV	C-BS-PI-LV-4	Basic Rack	DS9F	0	DS9M	0 -	TBD2	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	S1	C-BS-PI-S1-1	Stepper	???	???	DS9M	0 ???		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	S1	C-BS-PI-S1-2	TR to Flange Motor (20)	DS9FV	1	DS9FV	1 MWS		2	1	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
PI	S1	F-BS-PI-S1	Feedthrough	DS9M	0	DS9M	0 -	-	-		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PI	S1	C-BS-PI-S1-3	Anti-Feedthrough	DS9F IDC	1	DS9M IDC	1 Ribbon		0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
PI	S1	C-BS-PI-S1-4	Basic Rack	DS9F	0	DS9M	0 -	TBD2	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	S1	C-BS-PI-S1-5	Stepper Splitter (Limit Type)	DS9F	1	CI01M	1 ???		0.1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
PI	S1	C-BS-PI-S1-5'	"		0	TBD	1 ???		0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	S2	C-BS-PI-S2-1	Stepper	???	???	DS9M	0 ???		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	S2	C-BS-PI-S2-2	TR to Flange Motor (20)	DS9FV	1	DS9FV	1 MWS		2	1	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
PI	S2	F-BS-PI-S2	Feedthrough	DS9M	0	DS9M	0 -	-	-		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PI	S2	C-BS-PI-S2-3	Anti-Feedthrough	DS9F IDC	1	DS9M IDC	1 Ribbon		0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
PI	S2	C-BS-PI-S2-4	Basic Rack	DS9F	0	DS9M	0 -	TBD2	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	S2	C-BS-PI-S2-5	Stepper Splitter (Limit Type)	DS9F	1	CI01M	1 ???		0.1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
PI	S2	C-BS-PI-S2-5'	"		0	TBD	1 ???		0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	S3	C-BS-PI-S3-1	Stepper	???	???	DS9M	0 ???		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	S3	C-BS-PI-S3-2	TR to Flange Motor (20)	DS9FV	1	DS9FV	1 MWS		2	1	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
PI	S3	F-BS-PI-S3	Feedthrough	DS9M	0	DS9M	0 -	-	-		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PI	S3	C-BS-PI-S3-3	Anti-Feedthrough	DS9F IDC	1	DS9M IDC	1 Ribbon		0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
PI	S3	C-BS-PI-S3-4	Basic Rack	DS9F	0	DS9M	0 -	TBD2	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	S3	C-BS-PI-S3-5	Stepper Splitter (Limit Type)	DS9F	1	CI01M	1 ???		0.1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
PI	S3	C-BS-PI-S3-5'	"		0	TBD	1 ???		0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	SY/SV	C-BS-PI-SY/SV-1	PI Stepper Adapter (24)	PBM	8	DS9M	1 ???		1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	8	0	0	0	0	0
PI	SY/SV	C-BS-PI-SY/SV-2	TR to Flange Motor (20)	DS9FV	1	DS9FV	1 MWS		2	1	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
PI	SY/SV	F-BS-PI-SY/SV	Feedthrough	DS9M	0	DS9M	0 -	-	-		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
PI	SY/SV	C-BS-PI-SY/SV-3	Anti-Feedthrough	DS9F IDC	1	DS9M IDC	1 Ribbon		0.1	1	0	0	0.1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
PI	SY/SV	C-BS-PI-SY/SV-4	Basic Rack	DS9F	0	DS9M	0 -	TBD2	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PI	SY/SV	C-BS-PI-SY/SV-5	Stepper Splitter Double	DS9F	1	CI01M	2 ???		0.1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0

																												TM
																												OSEM
		Gore	MWS	Ribb	RJ22	DM9M	DS9M	DS9F			DS9M	DS9F	IDC	IDC	PDM	PDF	PBM	PBF	RJ22			CI01M	10-6	F	rough	to BF	(01)	
		118.1	44.5	2.7	0.5	10	35	70			7	9	26	26	0	10	28	0	5			5	3		27		4	

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