

Connector	Connects to	Readbacks/Actuators	Device(s)	# Conductors	Notes
DB-25 male	Main AC relay box	Actuators	RP1, RP2, RP3, V1, V3, V4, V5, V6, V7, VA6, VC1, VC2, VM1, VM2, VM3	36	V4/V5 passed through HW interlocks from TP2/TP3 controller.
DB-9 male	Satellite AC relay box - BS	Actuators	VABS, VABSSCI, VABSSCO, VAVBS	8	
DB-9 male	Satellite AC relay box - SE	Actuators	VASE, VASEE, VIPSE	6	
DB-9 male	Satellite AC relay box - SV	Actuators	VASV, VAVSV, VIPSV	6	
DB-9 male	Satellite AC relay box - EE	Actuators	VAEE, VAVEE, VIPEE	6	
DB-9 male	Satellite AC relay box - EV	Actuators	VAEV, VAVEV, VIPEV	6	
DB-9 female	Valve	Readbacks	V1	4	
DB-9 female	Valve	Readbacks	V3	4	
DB-9 female	Valve	Readbacks	V4	4	
DB-9 female	Valve	Readbacks	V5	4	
DB-9 female	Valve	Readbacks	V6	4	
DB-9 female	Valve	Readbacks	V7	4	
DB-9 female	Valve	Readbacks	VA6	4	
DB-9 female	Valve	Readbacks	VC1	4	
DB-9 female	Valve	Readbacks	VC2	4	
DB-9 female	Valve	Readbacks	VM1	4	
DB-9 female	Valve	Readbacks	VM2	4	
DB-9 female	Valve	Readbacks	VM3	4	
DB-9 female	Valve	Readbacks	RV1	4	
DB-9 female	Valve	Readbacks	VV1	4	
DB-25 female	Satellite AC relay box - BS	Readbacks	VABS, VABSSCI, VABSSCO, VAVBS	16	
DB-25 female	Satellite AC relay box - SE	Readbacks	VASE, VASEE, VIPSE	12	
DB-25 female	Satellite AC relay box - SV	Readbacks	VASV, VAVSV, VIPSV	12	
DB-25 female	Satellite AC relay box - EV	Readbacks	VAEV, VAVEV, VIPEV	12	
DB-25 female	Satellite AC relay box - EE	Readbacks	VAEE, VAVEE, VIPEE	12	
DB-9 female	Pump controller	Readbacks	CP1	4	
DB-9 female	Pump controller	Readbacks	RP1	2	
DB-9 female	Pump controller	Readbacks	RP2	2	
DB-9 female	Pump controller	Readbacks	RP3	2	
DB-25 female	Pump controller	Readbacks	TP1	10	