

APPENDIX C

CONNECTORS

All BOSS 8 serial ports are 8 pin AMP connectors. The mate will be the AMP quick connect P/N 206434-1.

PORT A - 20 MA CURRENT LOOP ACTIVE

PIN #	FUNCTION	DIRECTION	POLARITY
1	TRANSMIT	OUTPUT	NEGATIVE
2	TRANSMIT	OUTPUT	POSITIVE
3	RECEIVE	INPUT	NEGATIVE
4	RECEIVE	INPUT	POSITIVE
5	SHIELD		GROUND

PORT B - RS-422

PIN #	FUNCTION	DIRECTION	POLARITY
1	RECEIVE	INPUT	POSITIVE
2	RECEIVE	INPUT	NEGATIVE
3	TRANSMIT	OUTPUT	NEGATIVE
4	TRANSMIT	OUTPUT	POSITIVE
5	SHIELD		GROUND

PORT A/B - RS-232C

PIN #	FUNCTION	DIRECTION	POLARITY
5	SHIELD		GROUND
6	RECEIVE	INPUT	
7	SIGNAL GND		GROUND
8	TRANSMIT	OUTOUT	