

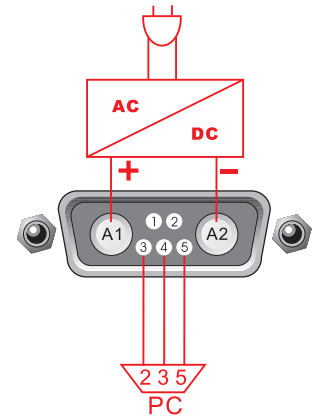
Class 5 Connector Pinouts

PIN	MAIN POWER	Specifications:
1	I/O – 6 GP or "G" command	25mA Sink or Source 10Bit 0-5VDC A/D Redundant connection on I/O connector
2	+5VDC out	50mA Max (total)
3	RS-232 Transmit	Channel(0) 115.2KBaud Max
4	RS-232 Receive	Channel(0) 115.2KBaud Max
5	SIG Ground	
A1	Main Power: +20-48VDC	
A2	Ground	

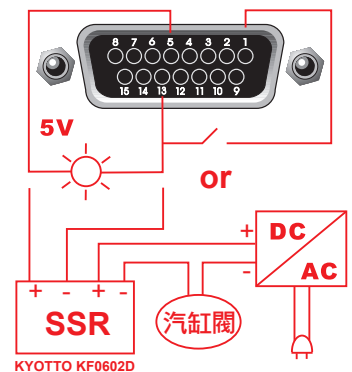
PIN	I/O CONNECTOR (5VTTL I/O)	Specifications:
1	I/O – 0 GP or Enc. A or Step Input	25mA Sink or Source 10Bit 0-5VDC A/D 1.5MHz max as Enc or Step input
2	I/O – 1 GP or Enc. B or Dir. Input	25mA Sink or Source 10Bit 0-5VDC A/D 1.5MHz max as Enc or Dir. Input
3	I/O – 2 Positive Over Travel or GP	25mA Sink or Source 10Bit 0-5VDC A/D
4	I/O – 3 Negative Over Travel or GP	25mA Sink or Source 10Bit 0-5VDC A/D
5	I/O – 4 GP or RS-485 A Channel(1)	25mA Sink or Source 10Bit 0-5VDC A/D 115.2KBaud Max
6	I/O – 5 GP or RS-485 B Channel(1)	25mA Sink or Source 10Bit 0-5VDC A/D 115.2KBaud Max
7	I/O – 6 GP or "G" command	25mA Sink or Source 10Bit 0-5VDC A/D Redundant connection on Main Power Connector
8	Phase A Encoder Output	
9	Phase B Encoder Output	
10	RS-232 Transmit	Channel(0) 115.2KBaud Max
11	RS-232 Receive	Channel(0) 115.2KBaud Max
12	+5VDC Out	50mA Max (total)
13	SIG Ground	
14	Ground	
15	Main Power: +20-48VDC	if -DE Option, Control Power separate from Main Power

PIN	CAN bus	Connection:
1	NC	NC
2	NC	NC
3	GND_CAN	Isolated CAN ground
4	CAN-H	1M Baud max
5	CAN-L	1M Baud max

PIN	Isolated 24VDC I/O Connector	Max Load (sourcing)
1	I/O – 16 GP	150mA
2	I/O – 17 GP	150mA
3	I/O – 18 GP	150mA
4	I/O – 19 GP	150mA
5	I/O – 20 GP	300mA
6	I/O – 21 GP	300mA
7	I/O – 22 GP	300mA
8	I/O – 23 GP	300mA
9	I/O – 24 GP	300mA
10	I/O – 25 GP	300mA
11	+24Volts Input	18-32VDC
12	GND-I/O	

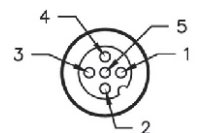


P2 DB-15 D-sub Connector

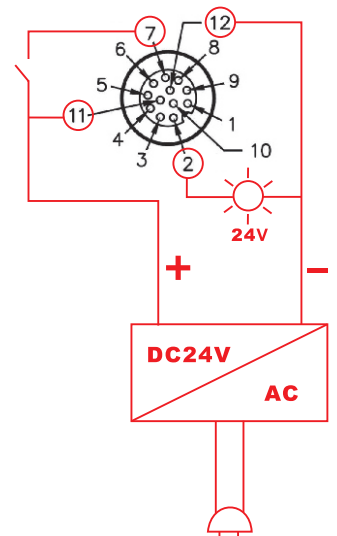


KYOTTO KF0602D

M12 5-PIN FEMALE END VIEW



M12 12-PIN FEMALE END VIEW



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