

Mini EFIS (Generation II) Connector A Description (Rev A)

Mating Connector: 25-pin Female D-sub (Instrument has 25-pin Male D-sub)

Pin		Function	Wire Color
1	▷	Serial Out 6*	WHT/BLK
2	▷	Serial Out 1	WHT/GRN
3	▷	Serial Out 5*	ORG
4	▷	Serial Out 2	BRN
5	▷	Serial Out 4*	YEL/WHT
6		Audio Ground	
7		Audio - Right	
8		RS-485 A (Trig TT22)	
9		RS-485 B (Trig TT22)	
10		Outside Air Temperature Input	
11		Magnetometer Power (+)	WHT/RED
12		Audio - Left	
13		Magnetometer Serial In	WHT/BRN
14	►	Primary Power Input	RED
15	▷	Secondary Power Input	RED/BLU
16		Analog Input 1	
17	►	Ground	BLK
18	▷	Warning Light (Open/Ground Max 1 Amp)	VLT
19	▷	Serial Input 2	YEL
20	▷	Serial Input 1	WHT
21	▷	Serial Input 4*	GRN/BLK
22	▷	Serial Input 5*	YEL/BLU
23	▷	Serial Input 3	GRY/RED
24	▷	Serial Input 6*	YEL/GRY
25	▷	Serial Out 3	GRY/BLK

► Preinstalled in kit

▷ Supplied in kit

Note: Serial ports 4-6 are only available when equipped with the additional serial ports option. When assigning serial inputs/outputs, the serial port rate (baud) must be the same for the serial output and input for a particular channel. For example, if serial port 1 output is wired to a transponder that requires 9600 baud data input, the EFIS serial port 1 input must be used for a device that transmits data at 9600 baud (such as the EIS engine monitor).