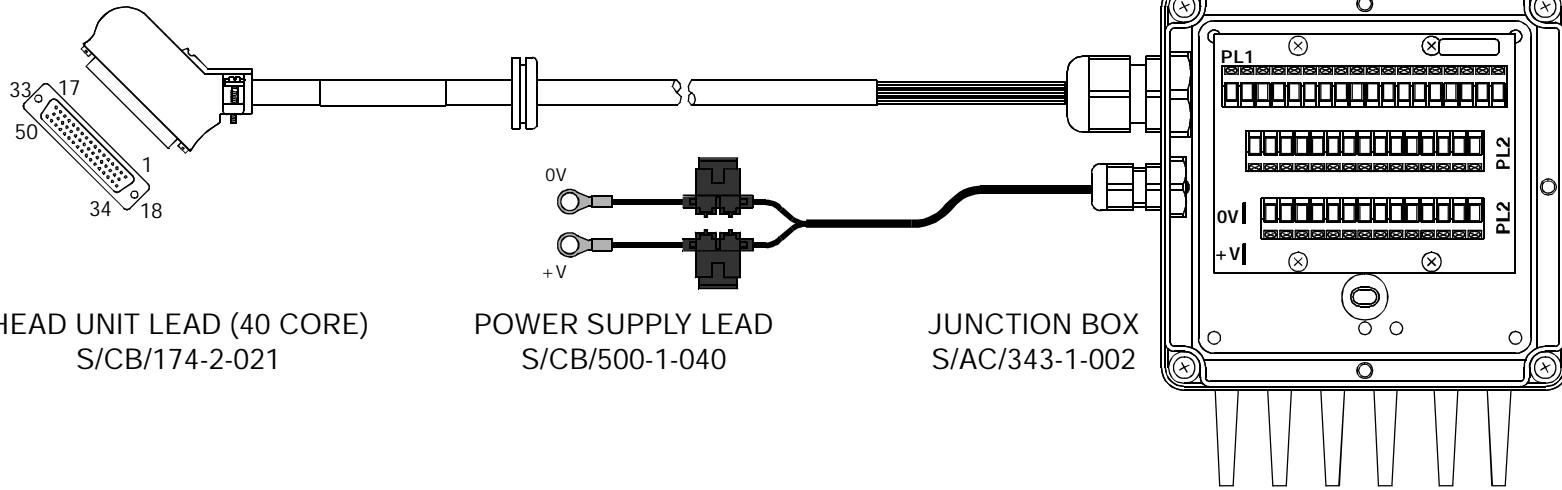


PRO-SERIES 101 INSTALLATION - WIRING CONNECTIONS



NOTES:

- [1] There are 2 unassigned terminals in the J/Box. Use either, PL1-3 (40-core) / PL2-6 (sensor) or PL1-4 (40 core) / PL2-7 (sensor), or if these terminals are already used, connect the sensor wire to the head unit wire using 'chocolate block' connector.
- [2] For powering active sensors
- [3] For analogue inputs e.g. potentiometer
- [4] To use Analogue Input 4, desolder the White/Black/Orange wire inside the D connector from pin 9 and solder to pin 9 and solder to pin 26.
- [5] Unused cable entry holes should be fitted with the spare sleeve grommet and sealed with silicone sealant. Use the cable ties to provide strain relief.

'D' SOCKET PIN NO.	40 CORE WIRE COLOUR	PS I/O	FUNCTION	J/B TERMINAL	
				40-CORE	SENSOR
1	GREEN	IP 14	SHAFT SPEED 8	PL1-11	PL2-19
2	WHITE/BLACK	IP 13	SHAFT SPEED 7	PL1-12	PL2-20
3	WHITE/RED	IP 12	SHAFT SPEED 6	PL1-13	PL2-21
4	WHITE/GREEN	IP 11	SHAFT SPEED 5	PL1-14	PL2-22
5	WHITE/YELLOW	IP 10	SHAFT SPEED 4	PL1-15	PL2-23
6	WHITE/BLUE	IP 9	SHAFT SPEED 3	PL1-16	PL2-24
7	WHITE/BROWN	IP 8	SHAFT SPEED 2	PL1-17	PL2-25
8	WHITE/ORANGE	IP 7	SHAFT SPEED 1	PL1-18	PL2-26,27
9	WHITE/BLACK/ORANGE	AN.O/P 1	N/A	-	-
10	WHITE/BLACK/GREY	AN.O/P 2	N/A	-	-
11	WHITE/RED/GREEN	AN.O/P 3	N/A	-	-
12	RED	V _{SS}	+V SUPPLY	PL1-9	PL2-12,13,14,29
13	BROWN	V _{SS}	+V SUPPLY	PL1-9	PL2-12,13,14,29
14	N/C	-	-	-	-
15	N/C	-	-	-	-
16	WHITE/BLACK/VIOLET	HB.O/P 6	N/A	-	-
17	WHITE/BLACK/BLACK	HB.O/P 5	N/A	-	-
18	WHITE	O/P 7	N/A	-	-
19	N/C	O/P 10	-	-	-
20	YELLOW	I/P 2	ENGINE SPEED	PL1-1	PL2-16
21	RED/BLACK	I/P 4	INPUT FOR ALARM 'A'	[1]	[1]
22	WHITE/BLACK/GREEN	I/P 6	N/A	-	-
23	N/C	-	-	-	-
24	N/C	-	-	-	-
25	VIOLET	AN.I/P 1	ANALOGUE SENSOR	PL1-6	PL2-9

'D' SOCKET PIN NO.	40 CORE WIRE COLOUR	PS I/O	FUNCTION	J/B TERMINAL	
				40-CORE	SENSOR
26	N/C [4]	AN.I/P 4	ANALOGUE SENSOR	[1]	[1]
27	PINK	IP 16	AREA CUTOUT	PL1-7	PL2-10
28	WHITE/BLACK/RED	5V REG	5V REG [3]	PL1-10	PL2-17,18
29	N/C	5V REG	-	-	-
30	N/C	5V REG	-	-	-
31	BLUE	0V	0V	PL1-2	PL2-1,2,3,4,5,28
32	BLACK	0V	0V	PL1-2	PL2-1,2,3,4,5,28
33	N/C	0V	-	-	-
34	RED/YELLOW	O/P 8	N/A	-	-
35	N/C	O/P 9	-	-	-
36	ORANGE	I/P 1	FORWARD SPEED	PL1-5	PL2-8
37	TAN	I/P 3	I/P FOR DELAYED O/P1	[1]	[1]
38	WHITE/RED/RED	I/P 5	INPUT FOR ALARM 'B'	[1]	[1]
39	RED/GREEN	V _{SS(sw)}	SWITCHED +V [2]	[1]	[1]
40	N/C	V _{SS(sw)}	-	-	-
41	N/C	-	-	-	-
42	WHITE/BLACK/BROWN	AN. I/P 2	ANALOGUE SENSOR	PL1-8	PL2-11
43	WHITE/RED/VIOLET	AN. I/P 3	ANALOGUE SENSOR	[1]	[1]
44	WHITE/RED/BLUE	CAN HI	N/A	-	-
45	WHITE/RED/BROWN	CAN LO	N/A	-	-
46	N/C	-	-	-	-
47	WHITE/GREY	HB. O/P 1	DELAYED O/P 1	[1]	[1]
48	WHITE/VIOLET	HB. O/P 2	N/A	-	-
49	WHITE/BLACK YELLOW	HB. O/P 3	N/A	-	-
50	WHITE/BLACK/BLUE	HB. O/P 3	N/A	-	-