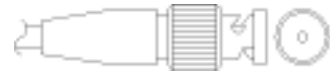


Analog Cables



One end of these cables provides a BNC connector to be connected to HP 1100 Series modules. The other end depends on the instrument to which connection is being made.

HP 1100 to HP 3390/2/3 Integrators

Connector 01040-60101	Pin HP 3390/2/3	Pin HP 1100	Signal Name
	1	Shield	Ground
	2		Not connected
	3	Center	Signal +
	4		Connected to pin 6
	5	Shield	Analog -
	6		Connected to pin 4
	7		Key
	8		Not connected

HP 1100 to HP 3394/6 Integrators

Connector 35900-60750	Pin HP 3394/6	Pin HP 1100	Signal Name
	1		Not connected
	2	Shield	Analog -
	3	Center	Analog +

Analog Cables

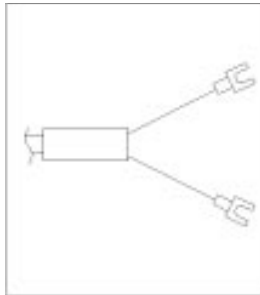
HP 1100 to BNC Connector

Connector 8120-1840	Pin BNC	Pin HP 1100	Signal Name
	Shield	Shield	Analog -
	Center	Center	Analog +



HP 1100 to General Purpose

Connector 01046-60105	Pin HP 3394/6	Pin HP 1100	Signal Name
	1		Not connected
	2	Black	Analog -
	3	Red	Analog +




Remote Cables



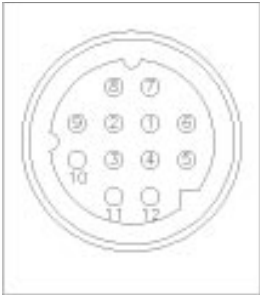
One end of these cables provides a Hewlett-Packard APG (Analytical Products Group) remote connector to be connected to HP 1100 Series modules. The other end depends on the instrument to be connected to.

HP 1100 to HP 3390 Integrators

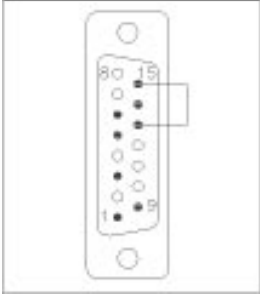
Connector 01046-60203	Pin HP 3390	Pin HP 1100	Signal Name	Active (TTL)
	2	1 - White	Digital ground	
	NC	2 - Brown	Prepare run	Low
	7	3 - Gray	Start	Low
	NC	4 - Blue	Shut down	Low
	NC	5 - Pink	Not connected	
	NC	6 - Yellow	Power on	High
	NC	7 - Red	Ready	High
	NC	8 - Green	Stop	Low
	NC	9 - Black	Start request	Low

Remote Cables

HP 1100 to HP 3392/3 Integrators

Connector 01046-60206	Pin HP 3392/3	Pin HP 1100	Signal Name	Active (TTL)
 <p>4 - Key</p>	3	1 - White	Digital ground	
	NC	2 - Brown	Prepare run	Low
	11	3 - Gray	Start	Low
	NC	4 - Blue	Shut down	Low
	NC	5 - Pink	Not connected	
	NC	6 - Yellow	Power on	High
	9	7 - Red	Ready	High
	1	8 - Green	Stop	Low
	NC	9 - Black	Start request	Low

HP 1100 to HP 3394 Integrators

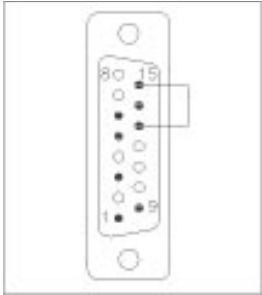
Connector 01046-60210	Pin HP 3394	Pin HP 1100	Signal Name	Active (TTL)
	9	1 - White	Digital ground	
	NC	2 - Brown	Prepare run	Low
	3	3 - Gray	Start	Low
	NC	4 - Blue	Shut down	Low
	NC	5 - Pink	Not connected	
	NC	6 - Yellow	Power on	High
	5,14	7 - Red	Ready	High
	6	8 - Green	Stop	Low
	1	9 - Black	Start request	Low
	13, 15		Not connected	

NOTE

START and STOP are connected via diodes to pin 3 of the HP 3394 connector.

Remote Cables

HP 1100 to HP 3396A Integrators

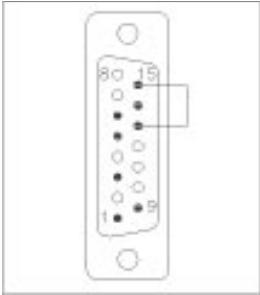
Connector 03394-60600	Pin HP 3394	Pin HP 1100	Signal Name	Active (TTL)
	9	1 - White	Digital ground	
	NC	2 - Brown	Prepare run	Low
	3	3 - Gray	Start	Low
	NC	4 - Blue	Shut down	Low
	NC	5 - Pink	Not connected	
	NC	6 - Yellow	Power on	High
	5,14	7 - Red	Ready	High
	1	8 - Green	Stop	Low
	NC	9 - Black	Start request	Low
	13, 15		Not connected	

HP 1100 to HP 3396 Series II / 3395A Integrators

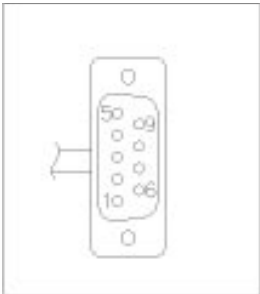
Use the cable 03394-60600 and cut pin #5 on the integrator side. Otherwise the integrator prints START; not ready.

Remote Cables

HP 1100 to HP 3396 Series III / 3395B Integrators

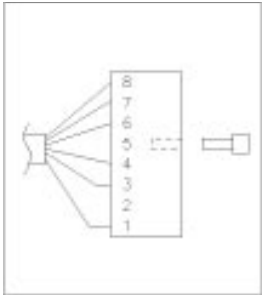
Connector 03396-61010	Pin HP 33XX	Pin HP 1100	Signal Name	Active (TTL)
	9	1 - White	Digital ground	
	NC	2 - Brown	Prepare run	Low
	3	3 - Gray	Start	Low
	NC	4 - Blue	Shut down	Low
	NC	5 - Pink	Not connected	
	NC	6 - Yellow	Power on	High
	14	7 - Red	Ready	High
	4	8 - Green	Stop	Low
	NC	9 - Black	Start request	Low
	13, 15		Not connected	

HP 1100 to HP 1050, HP 1046A or HP 35900 A/D Converters

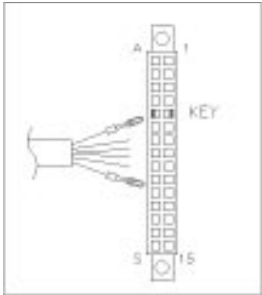
Connector 5061-3378	Pin HP 1050/...	Pin HP 1100	Signal Name	Active (TTL)
	1 - White	1 - White	Digital ground	
	2 - Brown	2 - Brown	Prepare run	Low
	3 - Gray	3 - Gray	Start	Low
	4 - Blue	4 - Blue	Shut down	Low
	5 - Pink	5 - Pink	Not connected	
	6 - Yellow	6 - Yellow	Power on	High
	7 - Red	7 - Red	Ready	High
	8 - Green	8 - Green	Stop	Low
	9 - Black	9 - Black	Start request	Low

Remote Cables

HP 1100 to HP 1090 LC, HP 1040 DAD or Signal Distribution Module

Connector 01046-60202	Pin HP 1090	Pin HP 1100	Signal Name	Active (TTL)
 <p>5 - Key</p>	1	1 - White	Digital ground	
	NC	2 - Brown	Prepare run	Low
	4	3 - Gray	Start	Low
	7	4 - Blue	Shut down	Low
	8	5 - Pink	Not connected	
	NC	6 - Yellow	Power on	High
	3	7 - Red	Ready	High
	6	8 - Green	Stop	Low
	NC	9 - Black	Start request	Low

HP 1100 to General Purpose

Connector 01046-60201	Pin Universal	Pin HP 1100	Signal Name	Active (TTL)
		1 - White	Digital ground	
		2 - Brown	Prepare run	Low
		3 - Gray	Start	Low
		4 - Blue	Shut down	Low
		5 - Pink	Not connected	
		6 - Yellow	Power on	High
		7 - Red	Ready	High
		8 - Green	Stop	Low
		9 - Black	Start request	Low

BCD Cables



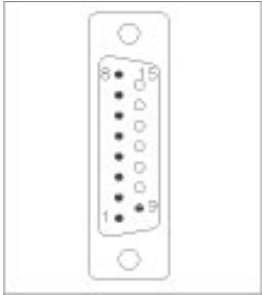
One end of these cables provides a 15-pin BCD connector to be connected to the HP 1100 Series modules. The other end depends on the instrument to be connected to.

HP 1100 to HP 3392/3 Integrators

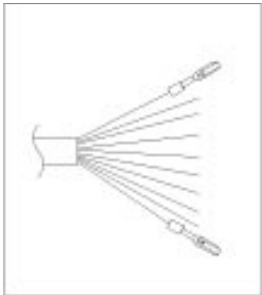
Connector 18584-60510	Pin HP 3392/3	Pin HP 1100	Signal Name	BCD Digit
<p>6 - Key</p>	10	1	BCD 5	20
	11	2	BCD 7	80
	3	3	BCD 6	40
	9	4	BCD 4	10
	7	5	BCD 0\	1
	5	6	BCD 3	8
	12	7	BCD 2	4
	4	8	BCD 1	2
	1	9	Digital ground	
	2	15	+ 5 V	Low

BCD Cables

HP 1100 to HP 3396 Integrators

Connector 03396-60560	Pin HP 3392/3	Pin HP 1100	Signal Name	BCD Digit
	1	1	BCD 5	20
	2	2	BCD 7	80
	3	3	BCD 6	40
	4	4	BCD 4	10
	5	5	BCD 0\	1
	6	6	BCD 3	8
	7	7	BCD 2	4
	8	8	BCD 1	2
	9	9	Digital ground	
	NC	15	+ 5 V	Low

HP 1100 to General Purpose

Connector 18594-60520	Wire Color	Pin HP 1100	Signal Name	BCD Digit
	Green	1	BCD 5	20
	Violet	2	BCD 7	80
	Blue	3	BCD 6	40
	Yellow	4	BCD 4	10
	Black	5	BCD 0\	1
	Orange	6	BCD 3	8
	Red	7	BCD 2	4
	Brown	8	BCD 1	2
	Gray	9	Digital ground	
	White	15	+5 Vt	Low

Auxiliary Cable

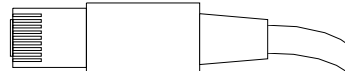


One end of this cable provides a modular plug to be connected to the HP 1100 Series vacuum degasser. The other end is for general purpose.

HP 1100 Series Degasser to general purposes

Connector G1322-61600	Color	Pin HP 1100	Signal Name
	White	1	Ground
	Brown	2	Pressure signal
	Green	3	
	Yellow	4	
	Grey	5	DC + 5 V IN
	Pink	6	Vent

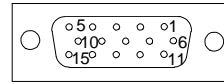
CAN Cable



Both ends of this cable provide a modular plug to be connected to HP 1100 Series module's CAN-bus connectors.

HP 1100 module to module, 0.5m lg	5181-1516
HP 1100 module to module, 1m lg	5181-1519
HP 1100 module to control module	G1323-81600

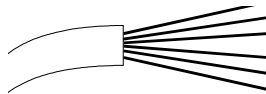
External Contact Cable



One end of this cable provides a 15-pin plug to be connected to HP 1100 Series module's interface board. The other end is for general purpose.

HP 1100 Series Interface Board to general purposes

Connector G1103-61611	Color	Pin HP 1100	Signal Name
	White	1	EXT 1
	Brown	2	EXT 1
	Green	3	EXT 2
	Yellow	4	EXT 2
	Grey	5	EXT 3
	Pink	6	EXT 3
	Blue	7	EXT 4
	Red	8	EXT 4
	Black	9	Not connected
	Violet	10	Not connected
	Grey/pink	11	Not connected
	Red/blue	12	Not connected
	White/green	13	Not connected
	Brown/green	14	Not connected
	White/yellow	156	Not connected



RS-232 Cable Kit

This kit contains a 9-pin female to 9-pin female Null Modem (printer) cable and one adapter. Use the cable and adapter to connect Hewlett-Packard instruments with 9-male RS-232 connectors to most PCs or printers.

HP 1100 module to PC

RS-232 Cable Kit HP 34398A

