

## Connecting a DB9 serial plug to the AR200's RS232 output

The AccuRange 200™ laser measurement sensor comes standard with a bare wire ("pigtail") configuration for the cable termination. As the AR200 is standard with RS232 digital outputs, it is often desirable to connect a standardized serial plug so the sensor output can be read through a computer serial port.

The function of the AR200 cable leads are as follows:

Red	Power, +15V (12-30 VDC)
Black	Ground
Blue	Switches Disable
White	Laser Disable
Shield	Ground at supply end
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Orange	Function: 4-20 mA
Brown	CL Out
	CL RTN
Yellow	Function: RS232
Green	RxData
	TxData

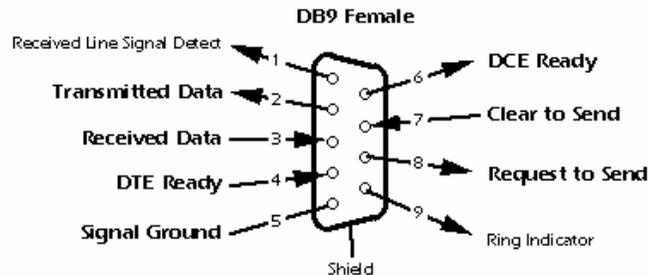
	0-10V	NPN LS	PNP LS
	Voltage Output	NPN 1 sink	PNP 1 source
	Voltage RTN	NPN 2 sink	PNP 2 source

Always use a FEMALE DB9 connector when attaching to the AR200.



Female DB9 Connector

1. Attach the Yellow lead to Pin 3
2. Attach the Green lead to Pin 2
3. Attach the Black lead to Pin 5
4. Tie together the Shield lead to Ground
5. Jumper Pins 4 and 6
6. Jumper Pins 7 and 8



If you have any questions, contact Schmitt Measurement Systems at the number above.