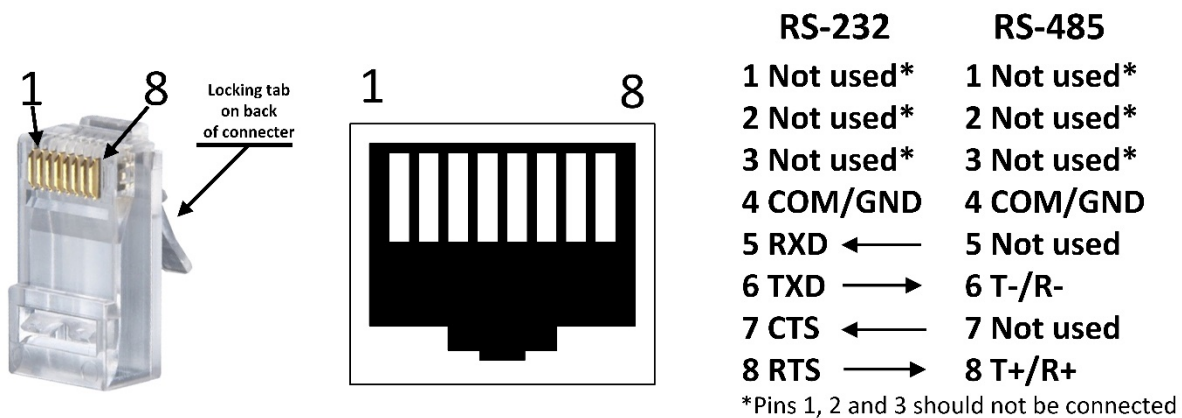


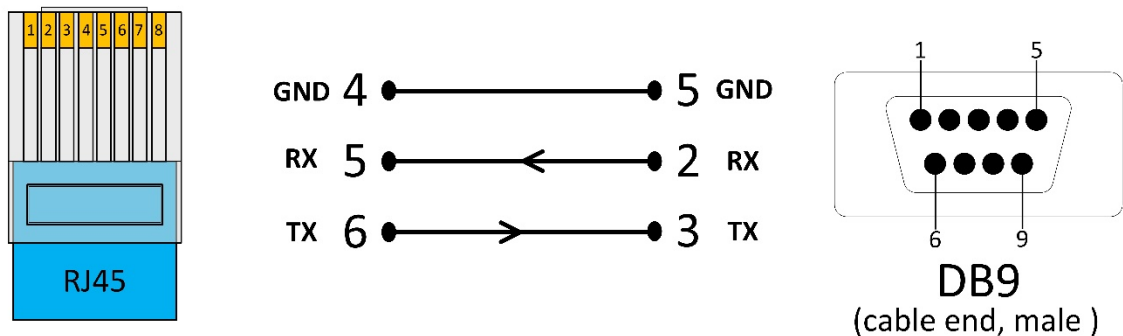
Universal Industrial Gateway

Diagrams for Common Cables

Universal Gateway Serial Port Pin Assignment:



Generic PC emulation:



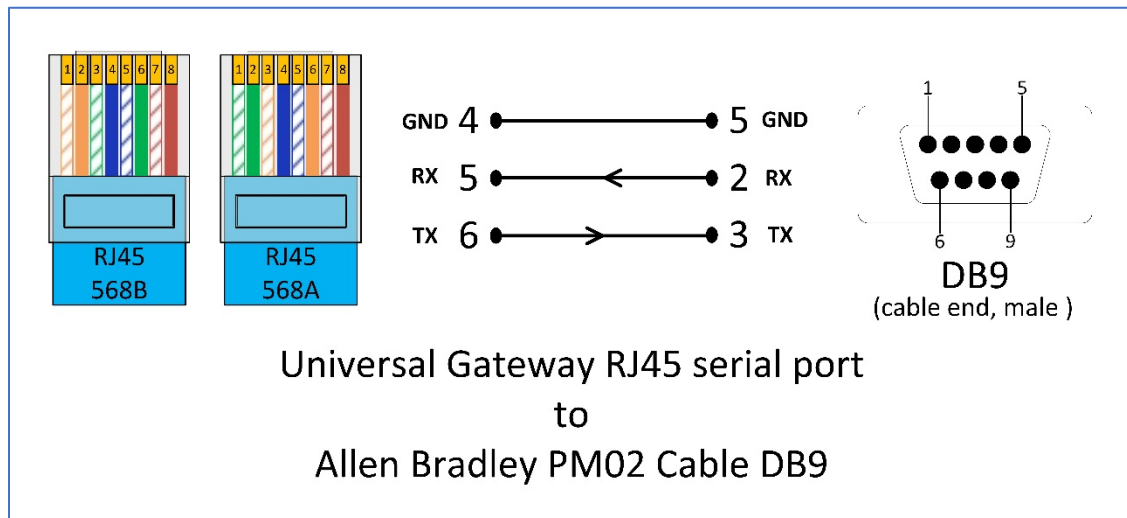
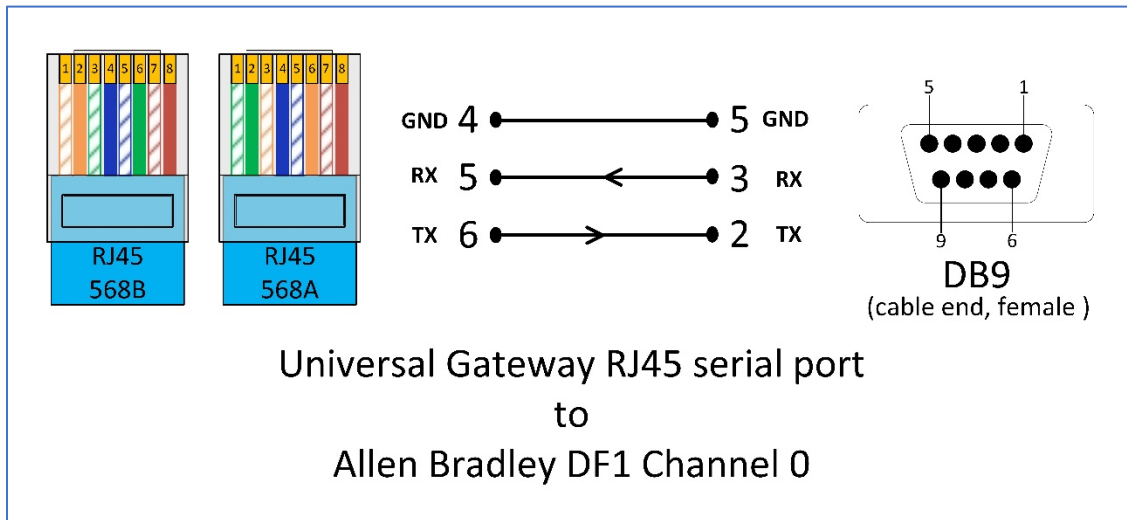
Universal Gateway RJ45 serial port
to
DTE DB9 Serial port
(typical PC serial port)

Note: The use of this document to produce serial cables for any use is done so at the user risk. Spectrum Controls assumes no liability from the use of these cables or the use of this document to build the cables shown

Note: It is strongly recommended that only the pins shown in each cable diagram be used. Some devices use other "non communications" pins for power and grounding and using these pins may cause damage to the Gateway and/or the connected device.

Universal Industrial Gateway Diagrams for Common Cables

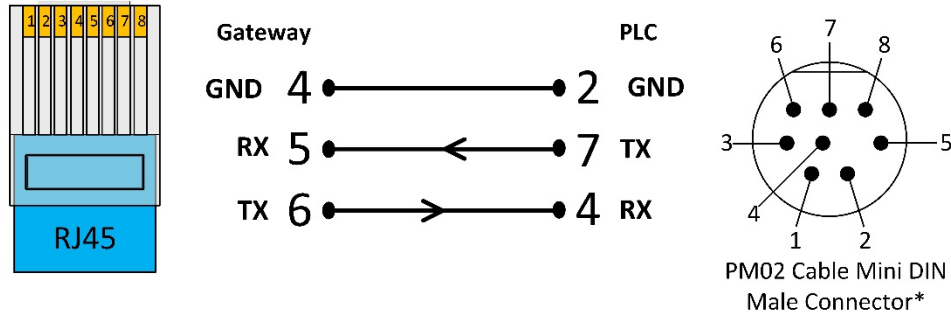
Allen Bradley:



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Universal Industrial Gateway Diagrams for Common Cables



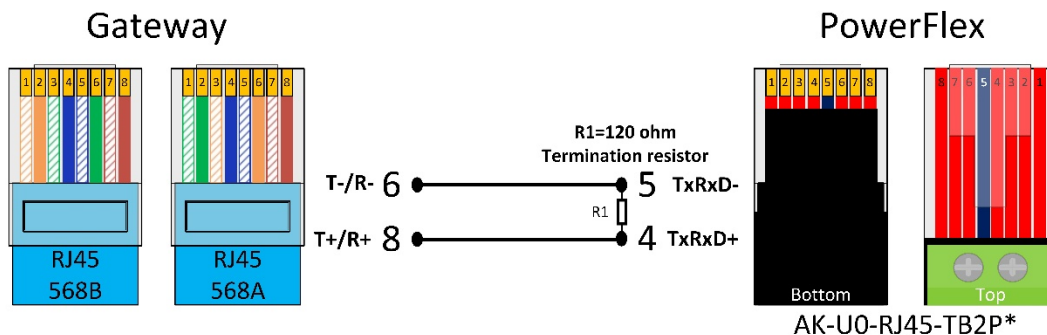
Universal Gateway RJ45 serial port to Allen Bradley PM02 Cable**

* Facing connector

** Requires RJ45 Connector be attached to a PM02 Cable in place of the DB9 connector.

- **NOTE: Pins 1 and 8 on the Mini DIN connector on some PLC's are used to supply 24VDC to power external devices. Passing these pins through to the RJ45 connector could result in damage to both the Gateway and PLC**

- The Mini DIN connector used on the PM02 cable is a non-standard connector. Standard Mini DIN connectors should not be used as they may damage the PLC



Universal Gateway RJ45 serial port to Allen Bradley PowerFlex 4/4M

*Rockwell part number

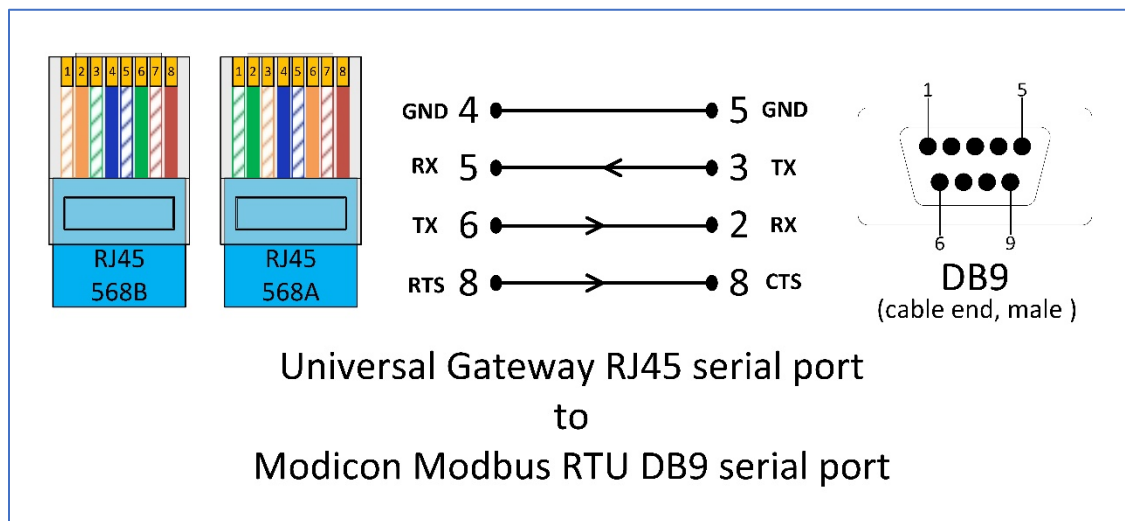
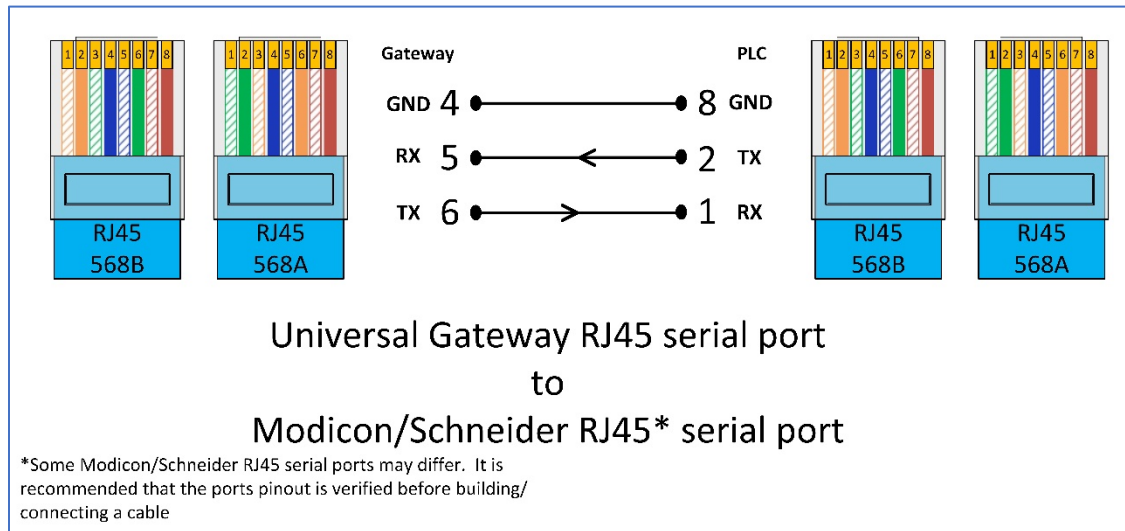
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Note: It is strongly recommended that only the pins shown in each cable diagram be used. Some devices use other "non communications" pins for power and grounding and using these pins may cause damage to the Gateway and/or the connected device.

Universal Industrial Gateway

Diagrams for Common Cables

Modicon/Schneider:

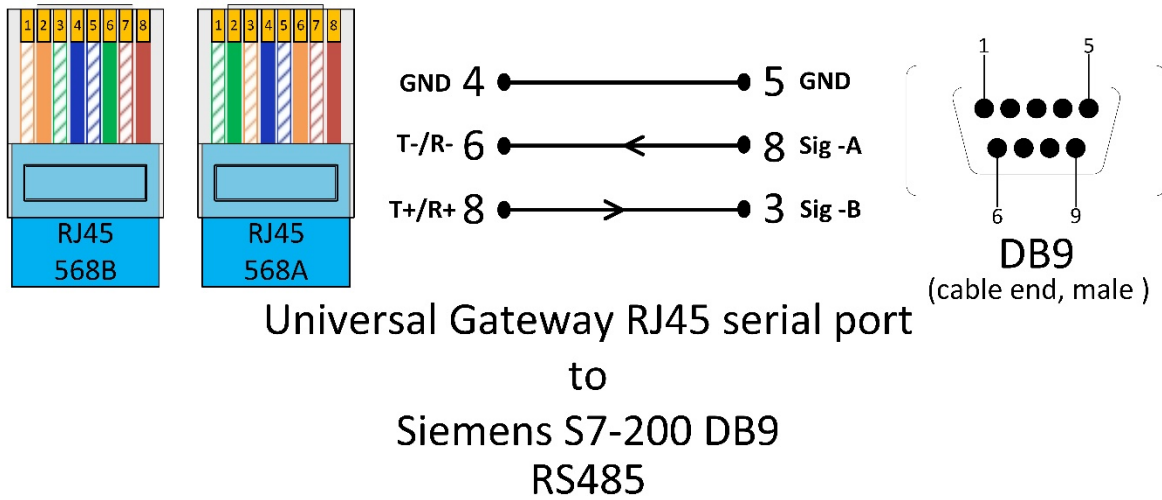


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Note: It is strongly recommended that only the pins shown in each cable diagram be used. Some devices use other "non communications" pins for power and grounding and using these pins may cause damage to the Gateway and/or the connected device.

Universal Industrial Gateway Diagrams for Common Cables

Siemens:



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