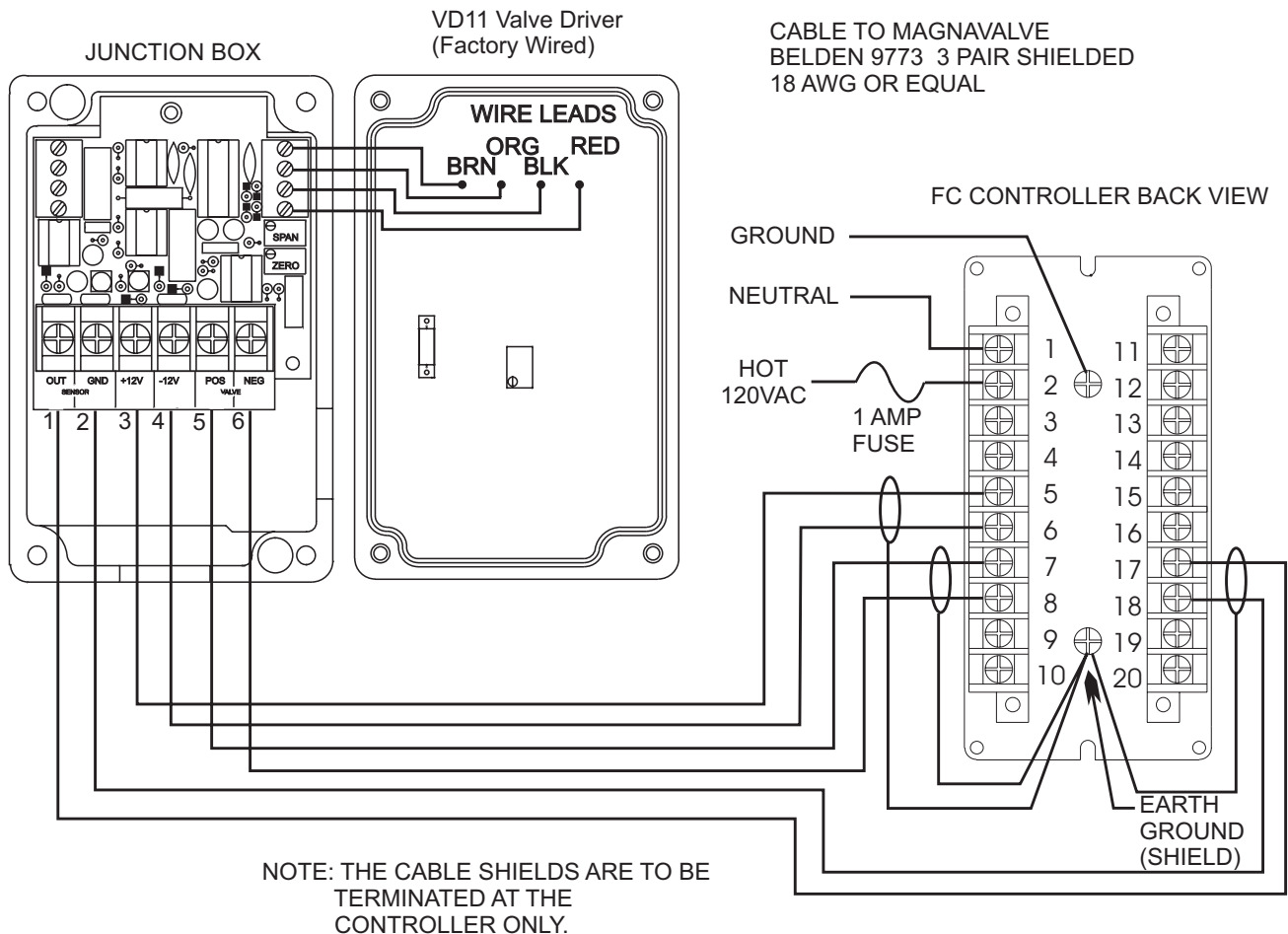


* Application Note AN-100 *

WIRE CONNECTIONS FOR A FC FLOW CONTROLLER TO THE FOLLOWING VALVES 577, 578, 579, 580, 590 AND ALL 15XX SERIES VALVES



Model FC Wiring Connections

- | | |
|-------------------------------------|--|
| 1. Power Neutral (120Vac) | 11. High Alarm Relay Contact (N. O.) |
| 2. Power Hot (120Vac) | 12. Common Alarm Relay Contact |
| 3. Enable Input (120Vac) | 13. Low Alarm Relay Contact (N. O.) |
| 4. (+) 10Vdc Reference Output | 14. Alarm Reset Input (120Vac) |
| 5. (+) 12Vdc Excitation Output | 15 |
| 6. (-) 12Vdc Excitation Output | 16. |
| 7. (+) MagnaValve Output | 17. Voltage Input (0-5Vdc) |
| 8. (-) MagnaValve Output | 18. 0 Vdc |
| 9. 0 Vdc | 19. 0 Vdc |
| 10. Remote Setpoint Input (0-10Vdc) | 20. Recorder Output Signal (0-10Vdc) |

NOTE: Green screw for earth-chassis ground used for shield termination.

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