INSTALLING THE DC30/DC35 OPTIONAL CABLE

Use the diagram below as a guideline for installing the DC30/DC35 optional input/output cable to the AG2000 meter.

(NOTE: If you ordered the input/output cable factory-installed, you may disregard this step.)

Then proceed to the appropriate wiring diagram for your application on subsequent pages.

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CAUTION: When the AG2000 is used for regulatory purposes, ensure that regulatory requirements are met before breaking the security wire-and-seal. Replace wire-and-seal according to regulatory requirements when finished installing the DC30/DC35.

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EXTERNAL POWER

| Pair 1: Serial Output (Technician Use Only) |
| Pair 2: Pulse Output, 30 Vdc max, 10 mA max |
| Pair 3: External Power, 7-24 Vdc, 75 mA min |

Drain: Connect to earth ground

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Colored Sleeves* readily identify the 3 pairs. If the cable needs to be cut back, the pair identification is printed on each wire.
**DL75/AG2000**

- **Pair 1**: Serial Output (Technician Use Only)
- **Pair 2**: Pulse Output, 30 Vdc max, 10 mA max
- **Pair 3**: External Power, 7-24 Vdc, 75 mA min
- **Drain**: Connect to earth ground

**Shielded Burial Cable**
- 3 Twisted Pairs
- 22 AWG Stranded

*Colored Sleeves readily identify the 3 pairs. If the cable needs to be cut back, the pair identification is printed on each wire.*

**DL75/EXTERNAL POWER/AG2000**

- **Pair 1**: Serial Output (Technician Use Only)
- **Pair 2**: Pulse Output, 30 Vdc max, 10 mA max
- **Pair 3**: External Power, 7-24 Vdc, 75 mA min
- **Drain**: Connect to earth ground

**Shielded Burial Cable**
- 3 Twisted Pairs
- 22 AWG Stranded

*Colored Sleeves readily identify the 3 pairs. If the cable needs to be cut back, the pair identification is printed on each wire.*

**FT420/AG2000**

- **Pair 1**: Serial Output (Technician Use Only)
- **Pair 2**: Pulse Output, 30 Vdc max, 10 mA max
- **Pair 3**: External Power, 7-24 Vdc, 75 mA min
- **Drain**: Connect to earth ground

**Shielded Burial Cable**
- 3 Twisted Pairs
- 22 AWG Stranded

*Colored Sleeves readily identify the 3 pairs. If the cable needs to be cut back, the pair identification is printed on each wire.*
**FT420/DL75/AG2000**

**WITH OR WITHOUT EXTERNAL POWER**

- **Pair 1**: Serial Output (Technician Use Only)
- **Pair 2**: Pulse Output, 30 Vdc max, 10 mA max
- **Pair 3**: External Power, 7-24 Vdc, 75 mA min
- **Drain**: Connect to earth ground

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**TELEMETRY**

Connect serial output to telemetry device according to manufacturer’s specifications for that device.

- Serial Output for use with Custom Telemetry Applications
- Do Not Use
- Optional External Power 7-24 Vdc, 75 mA min

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*Colored Sleeves readily identify the 3 pairs. If the cable needs to be cut back, the pair identification is printed on each wire.*