

Example of Control Wire Specification

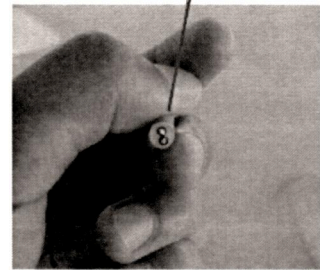
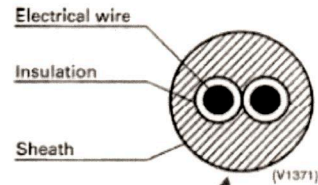
Wiring Specifications of DIII-NET

Be sure to use either 2-core sheathed vinyl cord or cable as mentioned below.

- | | | |
|---|---------|----------|
| ■ Vinyl cab tire round cord | VCTF | JISC3306 |
| ■ Vinyl insulated, vinyl sheathed cable for control | CVV | JISC3401 |
| ■ Round vinyl sheathed cable for control | CVS | JISC3401 |
| ■ Round vinyl insulated, vinyl sheathed cable | VVR | JISC3342 |
| ■ 600V vinyl cab tire cable | VCT | JISC3312 |
| ■ Polyethylene insulated vinyl sheathed cable | CPEV(★) | |
| ■ Mesh insulated cable | MVVS(★) | |

- ★ When the shield wire is used, be sure to ground the one side of the shield wire.
★ Do not use the shield wire with other type of wire in the same system.

<Example>Section of cord



Control Wiring

Wiring Specification

Wiring Type	Shield Wire (2 wire)
Size	0.75 - 1.25 mm ²

Separation of control and power supply cable

Current capacity of power cable		Spacing (d)
100V or more	10A or less	300 mm
	50A	500 mm
	100A	1000 mm
	100A or more	1500 mm

⚠ Cautions:

1. Never use a 3 or more core of cord or cable.
2. The size of wire should be 0.75-1.25mm².
3. Never bundle the cable or cord of transmission line.
4. Be sure to keep the transmission wiring distant from power wiring as shown below to prevent electrical noise.

