



Unit: mm

| Drawing number | Cable length |  |
|----------------|--------------|--|
| 171-35-0.4M    | 415±15       |  |
|                |              |  |

#### TECHNICAL SPECIFICATION

1. Nominal resistance:  $R_{100}=3.3K\Omega\pm2.5\%$
2. B-Value:  $B_{0/100}=3970K\pm1\%$
3. Working temperature range at the temperature sensing tube:  $-20^{\circ}C\sim+150^{\circ}C$
4. Insulation resistance:  $>100M\Omega$  at 500VDC in water
5. Voltage endurance: Applying 1800VAC / 2S between the shell and the cable, there is no flash or broken (in air).
6. Waterproof grade: IP65
7. Fixing protective tube, and applying 10N/3S static pull strength along the cable, no change for the appearance.
8. RoHS compliant

| Insulation sleeve, black                  | 8   | Insulation sleeve | 1    |        |
|---|-----|-------------------|------|--------|
| A2543-2P terminal, black plastic          | 7   | Terminal          | 1    |        |
| A2543 connector                           | 6   | Connector         | 2    |        |
| $\phi 3.1$ 24AWG/2C PE round jacket cable | 5   | Cable             | 1    |        |
| $\phi 3.0 \times 51$ 316 stainless steel  | 4   | Shell             | 1    |        |
| Potting epoxy                             | 3   | Epoxy             |      |        |
| Coating epoxy                             | 2   | Epoxy             |      |        |
| MD3970F3.3G(+2.5%)                        | 1   | NTC Thermistor    | 1    |        |
| Material Details                          | No. | Part              | Num. | Remark |

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|  |  |  |  |  |

NTC SENSOR  
KWCT-171-35