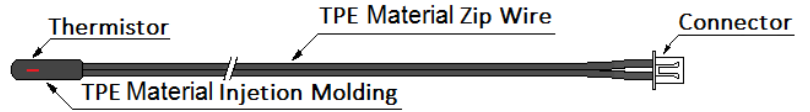


UPE Series



FEATURES

- The **UPE** Series sensors use **PTE** material water resistant product.
- The specification defines the score, dimensions, electrical properties, mechanical properties and climate characteristics.
- The temperature sensor International Protection is **IP68** (Europe standard: EN60529).
- Hi-pot test AC2000V/1min, shall be withstand between each end of sensor and the shell
- Insulation test : $\geq 20M\Omega/DC500V$.
- Max Rated power : 250mW (in still air)

SPECIFICATIONS

Temperature rating -50°C to 100°C

B value : 3435K ~4200K

Determined by rated zero-power

R25 **B25/85** **Resistance at 25°C and 85°C**

Rated zero-power

Resistance value at 25°C

5 K ohms
10 K ohms
50 K ohms
100 K ohms
474 K ohms

Tolerance $\pm 1\%$ $\pm 3\%$ $\pm 5\%$
Dissipation constant Min. 2.4mW/°C
Thermal time constant Max 15 seconds in still air.
Maximum power Rating 250mw at 25°C

Tolerance $\pm 1\%$ $\pm 2\%$ $\pm 3\%$ $\pm 5\%$

Order Map UPE - 103 - -

Series Code	Res. value	Res. tolerance	Leads Gauge	Lengths	B value
Temperature Sensor 10 x 3Ω	at 25°C	F : 1% H : 3% J : 5%	AWG Number	Exp : 400: 400 mm	25°C/85°C