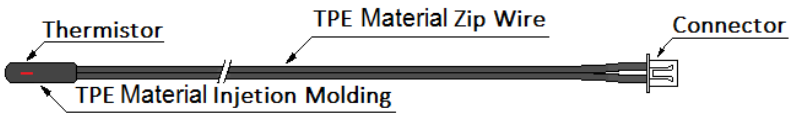
UPE Series



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：≥20MΩ/DC500V.
- Max Rated power：250mW (in still air)

SPECIFICATIONS

Temperature rating -50℃ to 100℃

B value : 3435K ~4200K

Determined by rated zero-power

R25 **B25/85** **Resistance at 25℃and 85℃**

Rated zero-power

Resistance value at 25℃
5 K ohms
10 K ohms
50 K ohms
100 K ohms
474 K ohms

Tolerance	±1% ±3% ±5 %
Dissipation constant	Min. 2.4mW/℃
Thermal time constant	Max 15 seconds in still air.
Maximum power Rating	250mw at 25℃

Tolerance ±1% ±2% ±3% ±5%

Order Map UPE - 103 □ - □□ □□□ - □□□□

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