



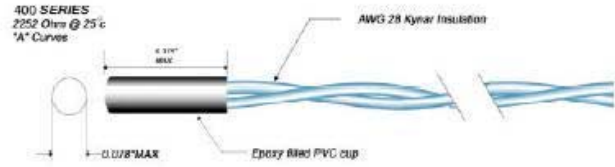
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Life Sciences Temperature Probes

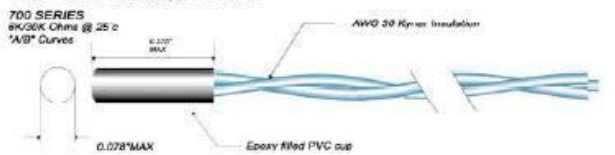
LS Series



LS400 Series 2252 Ohms at 25°C "A" Curve



LS700 Series 6k Ohms at 25°C A Curve 30k Ohms at 25°C B Curve



FEATURES:

- Interchangeable tolerances
- Skin & catheter disposable sensor designs
- High quality construction
- Custom designs at a low cost
- Compatible with YSI 400 and 700 temperature monitor instruments

These thermistors offer a precision method of life science and patient care temperature sensing. Our disposable sensors meet the necessity of low cost without compromising high quality and precise accuracy.

SPECIFICATIONS

| | | | |
|---|---|------------------------------|---|
| Temperature rating/ recommended operating ranges | LS Series thermistors may be intermittently cycled at temperatures from -50°C to 150°C. Optimum stability is achieved when thermistors are operated at temperatures within the specified temperature range. | Tolerances | ±0.10°C ±0.20°C ±0.50°C ±1.00°C |
| R/T curves | LS Series is manufactured with "A" and "B" R/T curve materials. Detailed curve material information on pages 24-26. | Dissipation constant | 2.5 mW/°C in still air 13 mW/°C in stirred oil |
| | | Thermal time constant | Typically 1.25 seconds in stirred oil |
| | | Custom options | Various lead materials, termination and lengths |

To order specify:

- Series
- Tolerance
- Resistance @25°C
- Curve
- Lead length, gauge and material
- Termination

Example: LS400, 0.1°C Tolerance, Curve A, 10" AWG 28 Kynar, Molex part number connector