Cartridge Heaters

Abrasive Resistant Terminations

**CARTRIDGE HEATER — FLEXIBLE BRAID ABRASION RESISTANT TERMINATIONS**

**TYPE W**

- **Fig. 1**

- **Fig. 2**

**Available through the Hi-Density Cartridge Heater Terminator Program for 2nd or 3rd Day Shipping**

**Type W Wire Braided Leads**

*Available on HDC, HDM, and LDC cartridge heaters*

Stainless steel braid over fiberglass leads offers sharp bending not possible with armor cable, as well as abrasion protection.

- Minimum 3/8" up to 1" unheated section at the lead end is required.

- Standard lead wire temperature rating
  - HDC and HDM: 842°F (450°C), LDC: 482°F (250°C)

- Standard 10" (254 mm) braid over 12" (305 mm) leads. Specify longer braid/leads.

**Type W2 □ Embedded Wire Braided Leads**

*Available on HDC, HDM and LDC cartridge heaters*

Stainless steel braid embedded into seal offers moisture resistance and abrasion protection.

- **W2A** Fiberglass Leads with Cement Potting
  - Cement potting temperature rating: 1000°F (538°C)
  - Standard lead wire temperature rating: 482°F (250°C)

- **W2B** Teflon® Leads with High Temperature Epoxy
  - High temperature epoxy temp. rating: 450°F (232°C)
  - Standard lead wire temperature rating: 392°F (200°C)

- **W2C** Teflon® Leads with Low Temperature Epoxy
  - Low temperature epoxy temp. rating: 266°F (130°C)
  - UL rated to 194°F (90°C)
  - Standard lead wire temperature rating: 392°F (200°C)
  - Minimum 3/8" up to 1" unheated section at the lead end is required.

- Standard 10" (254 mm) braid over 12" (305 mm) leads. Specify longer braid/leads.

**Type W3 Swaged-In Wire Braided Leads**

*Available on HDC and HDM cartridge heaters*

Stainless steel braid over fiberglass leads offers sharp bending not possible with armor cable, as well as abrasion protection. In addition, Type W3 offers contamination resistance due to the Teflon® seal required for holding the wire braid.

- Minimum 3/8" up to 1" unheated section at the lead end is required.

- Teflon® Seal temperature rating: 392°F (200°C)

- Standard lead wire temperature rating: 842°F (450°C)

- Standard 10" (254 mm) braid over 12" (305 mm) leads. Specify longer braid/leads.

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