Flexible Sealed PFA RTD Sensors
For Use in Wet and Corrosive Environments

HSRTD Series

ACCURACY IEC CLASS A (±0.15°C @ 0°C) **ACCURACY IEC CLASS B (±0.30°C @ 0°C)**

Custom Lengths Available

- 100 Ω, Class "A" or "B" DIN Platinum Element Standard, Other Resistances and Classes Available
- Sealed Against Moisture and Corrosion
- PFA Insulated Cable
- Temperature Range: -60 to 260°C
- 4-Wire Configuration Standard
- Easily Cleaned and Sterilized

Element sealed in first 1" of sensor

#26 AWG stranded nickel-plated copper, PFA insulated and jacketed cable, 1 m (40") long standard

Tip Enlargement

Tip is approx. 2.2 mm (0.086") in diameter

HSRTD-3-100-B-40-E, shown smaller than actual size.
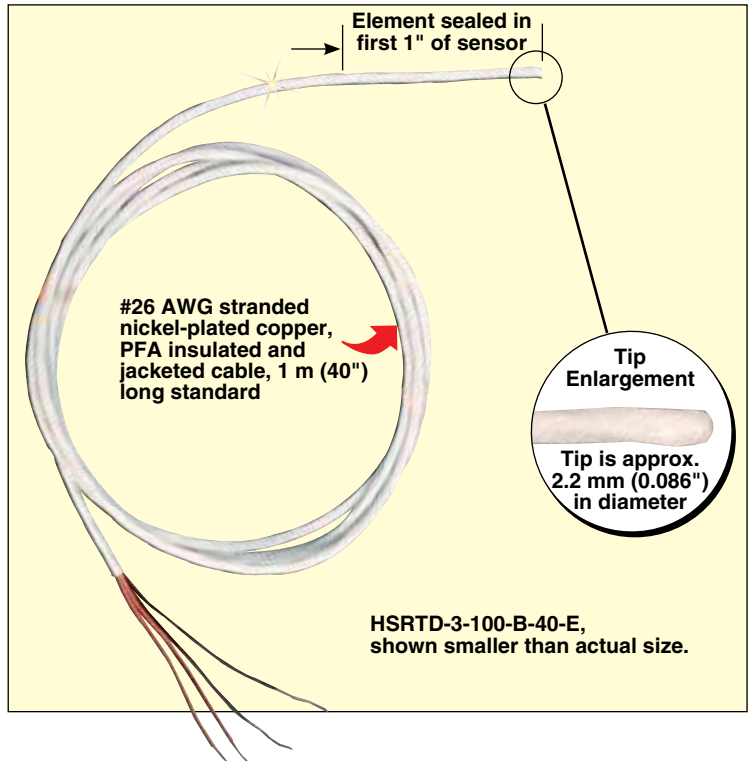
To Order *visit newportUS.com/hsrtd for Pricing and Details*

Model Number	Resistance	Number of Wires	Wire Length
HSRTD-3-100-A-40-E	100 Ω, Class "A"	4	1 m (40")
HSRTD-3-100-A-80-E	100 Ω, Class "A"	4	2 m (80")
HSRTD-3-100-A-120-E	100 Ω, Class "A"	4	3 m (120")
HSRTD-3-100-A-180-E	100 Ω, Class "A"	4	4.5 m (180")
HSRTD-3-100-A-240-E	100 Ω, Class "A"	4	6 m (240")
HSRTD-3-100-B-40-E	100 Ω, Class "B"	4	1 m (40")
HSRTD-3-100-B-80-E	100 Ω, Class "B"	4	2 m (80")
HSRTD-3-100-B-120-E	100 Ω, Class "B"	4	3 m (120")
HSRTD-3-100-B-18-E	100 Ω, Class "B"	4	4.5 m (180")
HSRTD-3-100-B-240-E	100 Ω, Class "B"	4	6 m (240")

Options: Sensors come with stripped leads standard. For custom cable lengths greater than 6 m (240"), change the "-240" variable at the end of the model number to desired length in inches for additional cost. For miniature connectors add "-MTP" to the end of the model number for additional cost. For a 4-wire audio connector, add "-TA4F" to model number for additional cost.

Ordering Examples: HSRTD-3-100-B-40-TA4F, 100 Ω Class "B" sensor with 1 m (40") of cable and TA4F connector.

HSRTD-3-100-A-120-E, 100 Ω Class "A" sensor with 3 m (120") of cable.

TA4F connector, see page 72 or visit newportU.com/ta3_ta4.

HH804U meter. newportUS.com/ hh804_805

CNi8 Series meters. newportUS.com/cni8_series