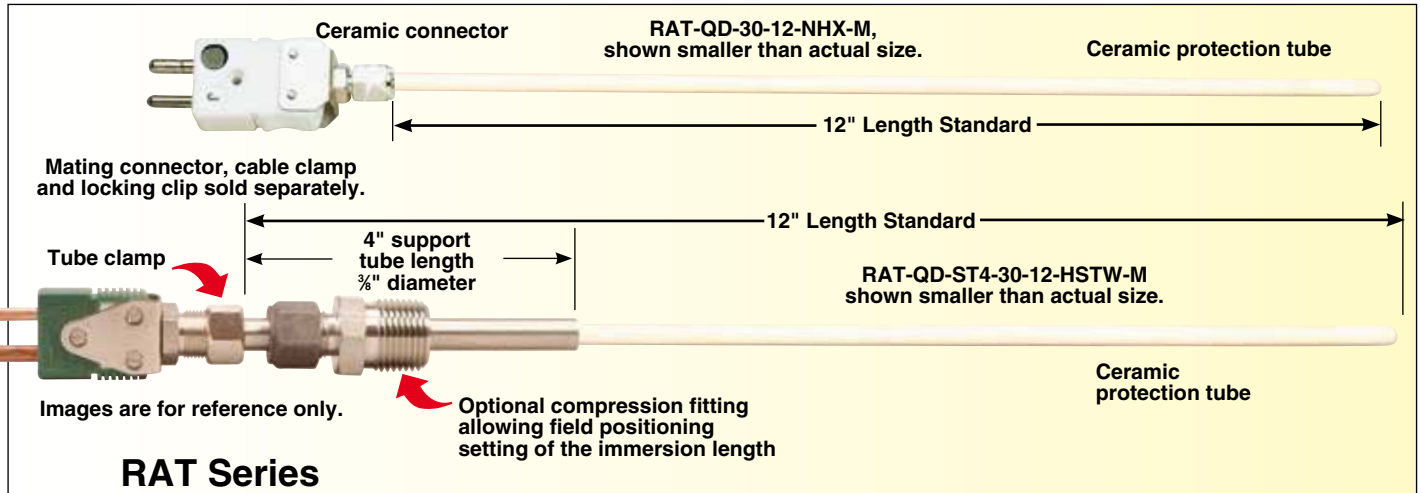


Quick Disconnect High-Temperature Platinum Thermocouple Assemblies and Ceramic Protection Tube



- ✓ NHX Standard Ceramic Connector Rated to 650°C (1200°F)
- ✓ HSTW Standard Connector Liquid Crystal Polymer Rated to 260°C (500°F)
- ✓ Up to 1650°C (3000°F) Rating
- ✓ Oxidizing or Reducing Atmospheres
- ✓ 1/4" Diameter High-Purity Aluminum Protection Tube
- ✓ Tube Clamp Included for Extra Strength
- ✓ Mating Connector, Cable Clamp & Locking Clip Sold Separately
- Available Options**
 - ✓ NIST Traceable Calibration
 - ✓ Custom Probe Lengths
 - ✓ Dual Element
 - ✓ Custom Support Tube Lengths

Type R, S, or B Platinum Thermocouple enclosed in a high-purity alumina protection tube. Elements are insulated by a double bore high purity hard-fired alumina insulator.

To Order

| Model No. | Thermocouple Calibration | AWG Wire Size |
|---------------------|--------------------------|---------------|
| RAT-QD-30-12-HSTW-M | Pt vs Pt 13% Rh | 30 |
| RAT-QD-24-12-HSTW-M | Pt vs Pt 13% Rh | 24 |
| SAT-QD-30-12-HSTW-M | Pt vs Pt 10% Rh | 30 |
| SAT-QD-24-12-HSTW-M | Pt vs Pt 10% Rh | 24 |
| BAT-QD-30-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 30 |
| BAT-QD-24-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 24 |

Probe assembly with a stainless steel support tube and optional compression fitting allows field positioning setting of the immersion length

| Model No. | Thermocouple Calibration | AWG Wire Size |
|-------------------------|--------------------------|---------------|
| RAT-QD-ST4-30-12-HSTW-M | Pt vs Pt 13% Rh | 30 |
| RAT-QD-ST4-24-12-HSTW-M | Pt vs Pt 13% Rh | 24 |
| SAT-QD-ST4-30-12-HSTW-M | Pt vs Pt 10% Rh | 30 |
| SAT-QD-ST4-24-12-HSTW-M | Pt vs Pt 10% Rh | 24 |
| BAT-QD-ST4-30-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 30 |
| BAT-QD-ST4-24-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 24 |

Optional compression fitting: select the appropriate mounting thread

| Model No. | Description |
|------------|---------------------|
| SSLK-38-14 | 1/4 mounting thread |
| SSLK-38-38 | 3/8 mounting thread |

Wire Batch certificate report available. Add suffix "-CERT" to the model number.

Consult sales for pricing.

For standard ceramic connector, replace "HSTW-M" in model number with "NHX-M" for additional cost.

Ordering Example: RAT-QD-30-18-NHX-M, quick disconnect standard ceramic connector high temperature probe, Type R, 30 AWG (0.010"), 18" long high-purity aluminum protection tube.

To Order

| Model No. | Thermocouple Calibration | AWG Wire Size | Mating Connectore Model No. | Cable Clamp Model No. | Safety Clip Model No. |
|---------------------|--------------------------|---------------|-----------------------------|-----------------------|-----------------------|
| RAT-QD-30-12-HSTW-M | Pt vs Pt 13% Rh | 30 | HSTW-R/S-F | PCLM | SFCL |
| RAT-QD-24-12-HSTW-M | Pt vs Pt 13% Rh | 24 | | | |
| SAT-QD-30-12-HSTW-M | Pt vs Pt 10% Rh | 30 | | | |
| SAT-QD-24-12-HSTW-M | Pt vs Pt 10% Rh | 24 | | | |
| BAT-QD-30-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 30 | HSTW-U-F | | |
| BAT-QD-24-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 24 | | | |

All Accessories Sold Separately.

NHX Termination

| Model No. | Thermocouple Calibration | AWG Wire Size | Mating Connectore Model No. | Cable Clamp Model No. | Safety Clip Model No. |
|---------------------|--------------------------|---------------|-----------------------------|-----------------------|-----------------------|
| RAT-QD-30-12-HSTW-M | Pt vs Pt 13% Rh | 30 | NHX-R/S-f | PCLM-NHX | HTCL |
| RAT-QD-24-12-HSTW-M | Pt vs Pt 13% Rh | 24 | | | |
| SAT-QD-30-12-HSTW-M | Pt vs Pt 10% Rh | 30 | | | |
| SAT-QD-24-12-HSTW-M | Pt vs Pt 10% Rh | 24 | | | |
| BAT-QD-30-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 30 | NHX-U-F | | |
| BAT-QD-24-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 24 | | | |

All Accessories Sold Separately.

| Model No. | Thermocouple Calibration | AWG Wire Size | Mating Connectore Model No. | Cable Clamp Model No. | Safety Clip Model No. |
|-------------------------|--------------------------|---------------|-----------------------------|-----------------------|-----------------------|
| RAT-QD-ST4-30-12-HSTW-M | Pt vs Pt 13% Rh | 30 | HSTW-R/S-F | PCLM | SFCL |
| RAT-QD-ST4-24-12-HSTW-M | Pt vs Pt 13% Rh | 24 | | | |
| SAT-QD-ST4-30-12-HSTW-M | Pt vs Pt 10% Rh | 30 | | | |
| SAT-QD-ST4-24-12-HSTW-M | Pt vs Pt 10% Rh | 24 | | | |
| BAT-QD-ST4-30-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 30 | HSTW-U-F | | |
| BAT-QD-ST4-24-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 24 | | | |

All Accessories Sold Separately.

NHX Termination

| Model No. | Thermocouple Calibration | AWG Wire Size | Mating Connectore Model No. | Cable Clamp Model No. | Safety Clip Model No. |
|-------------------------|--------------------------|---------------|-----------------------------|-----------------------|-----------------------|
| RAT-QD-ST4-30-12-HSTW-M | Pt vs Pt 13% Rh | 30 | NHX-R/S-f | PCLM-NHX | HTCL |
| RAT-QD-ST4-24-12-HSTW-M | Pt vs Pt 13% Rh | 24 | | | |
| SAT-QD-ST4-30-12-HSTW-M | Pt vs Pt 10% Rh | 30 | | | |
| SAT-QD-ST4-24-12-HSTW-M | Pt vs Pt 10% Rh | 24 | | | |
| BAT-QD-ST4-30-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 30 | NHX-U-F | | |
| BAT-QD-ST4-24-12-HSTW-M | Pt 6% Rh vs Pt 30% Rh | 24 | | | |

All Accessories Sold Separately.