

TEMPERATURE

HIGH TEMPERATURE SENSOR & TRANSMITTER S241HC, TT111H-0800



MINCO



DESCRIPTION

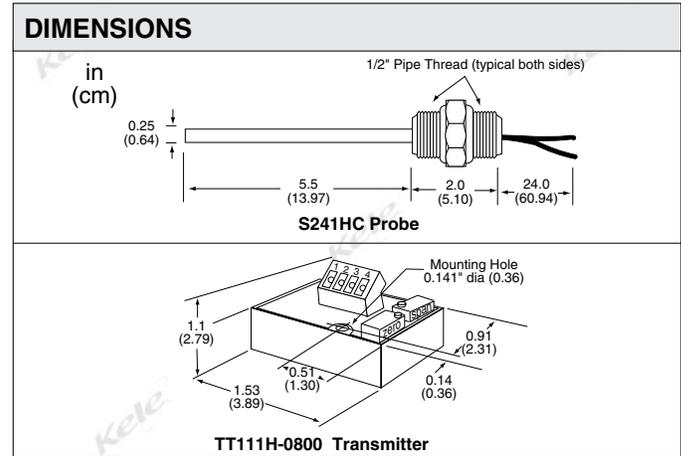
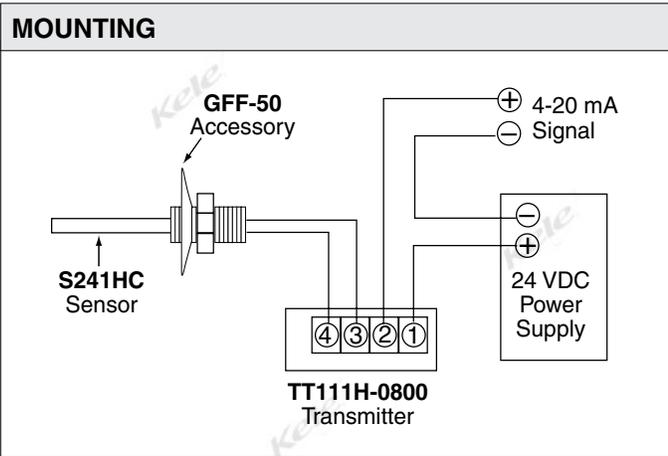
The **Minco S241HC High Temperature RTD Sensor** is directly inserted to monitor the temperature of boiler stacks, steam lines, and other applications where the temperature may rise above the operating range of standard sensors. When used with the **TT111H-0800 Transmitter**, a 4-20 mA output is provided that is linear from 0° to 800°F (-18° to 427°C).

FEATURES

- **Ideal for Boiler stack applications**
- **All stainless steel probe**
- **24" high temperature leads**
- **Small transmitter size**
- **Well available (WS-6)**
- **High temperature span, 0° to 800°F (-18° to 427°C)**



SPECIFICATIONS	
S241HC Sensor	
Sensor Type	1000Ω ±0.1% @ 32°F (0°C)
Temperature Coefficient	0.00375 Ω/Ω/°C
Sensitivity	2.1Ω/°F @ 32°F (0°C)
Measurement Range	-58° to 932°F (-50° to 500°C)
Probe Material	304 Stainless
Wiring Terminations	Two-wire nickel coated stranded copper, 24" long 22 AWG fiberglass insulated
Weight	0.5 lb (0.23 Kg)
Warranty	3 years
TT111H-0800 Fixed Transmitter	
Supply Voltage	8.5-35 VDC unregulated
Sensor Input	1000Ω platinum 0.00375Ω/°C
Measurement Range	0° to 800°F (-18° to 427°C)
Signal Output	4-20 mA
Maximum Output	
Impedance	775Ω ± 0.1% @ 24 VDC min
Accuracy	Calibration accuracy ±0.05% of span
Operating Temperature Well	-58° to 160°F (-50° to 70°C)
Operating Pressure	3000 psig (20.7 mPa) max
Well Material	304 Stainless steel
Weight	0.07 lb (0.03 Kg)
Warranty	3 years



ORDERING INFORMATION

MODEL	DESCRIPTION
TT111H-0800	High temperature transmitter 0° to 800°F (-18° to 427°C)
S241HC	High temperature probe, limited to 932°F (500°C)
RELATED PRODUCTS	
DCP-1.5-W	Power supply, 24 VAC IN to 24 VDC OUT
DCPA-1.2	Power supply, 120 VAC IN to 24 VAC/24 VDC OUT
GFF-50	1/2" galvanized mounting flange
TCC-111	Thermal conductive compound 111 ml tub
TCC-12	Thermal conductive compound tube, 12 ml
WS-6	Stainless steel well