

# PETE'S PLUG TEMPERATURE PROBES

Model PETE01 with Extension Cable

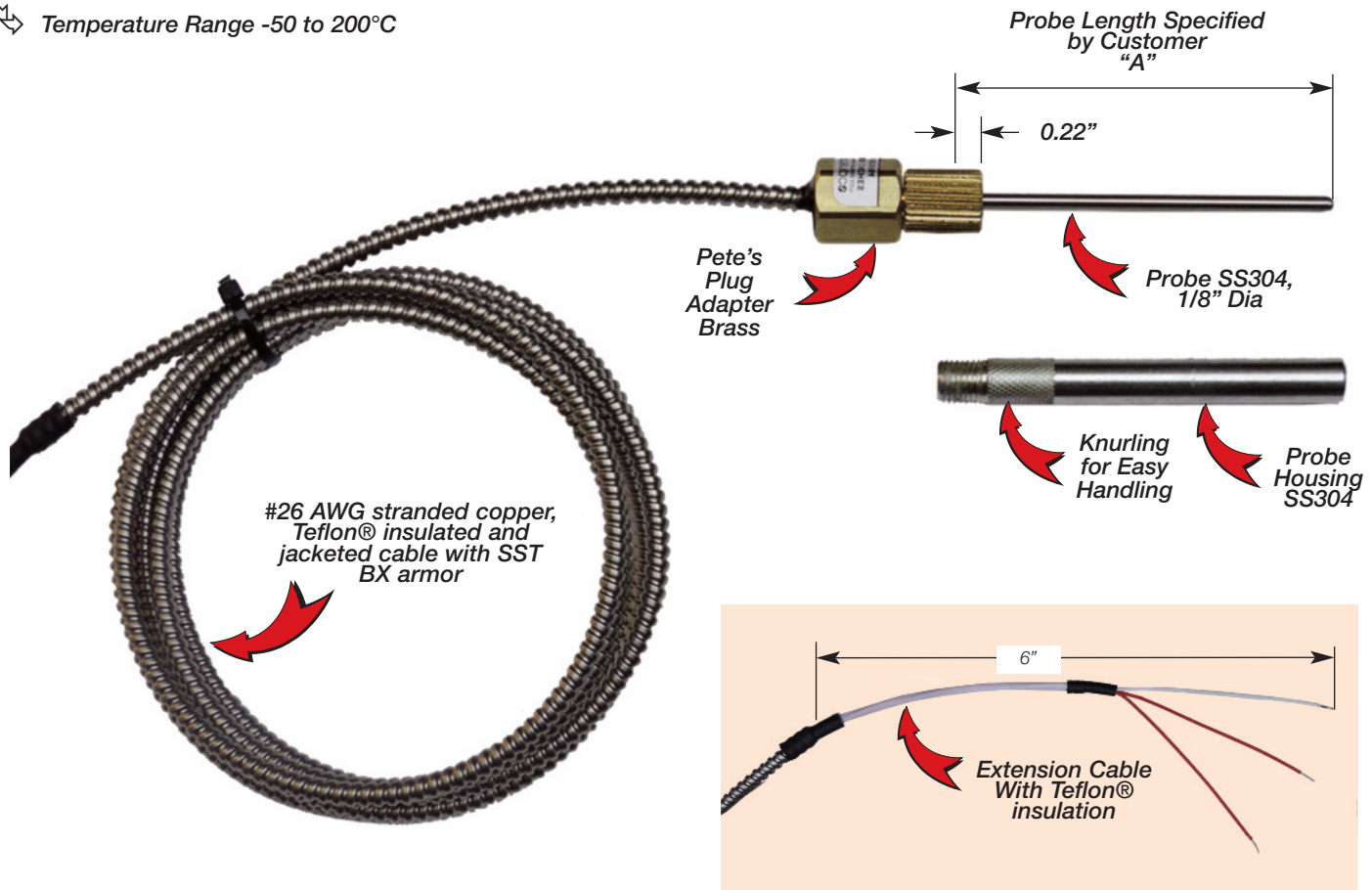


## Features

- ↪ Available as RTD probes and thermocouple probes
- ↪ RTD Precision Thin Film 100 Class A or 1000  $\Omega$  Class B DIN Platinum, Elements per IEC60751 ( $\alpha = 0.00385 \Omega/\Omega/^\circ\text{C}$ )
- ↪ Thermocouples types K,J,T,E available with standard tolerance limits
- ↪ Probe material is stainless 304, others available
- ↪ Fits standard Pete's Plug Adapter
- ↪ Temperature Range -50 to 200°C

## Description

The Intempco Pete's Plugs temperature probes are well suited for most plant and pipeline systems including hot and chilled water systems, heat exchangers, pumps, differential temperature readings, air, gas lines, and many other applications. The PETE01 will fit Pete's Plug to insulate the test point without adding extra fittings.

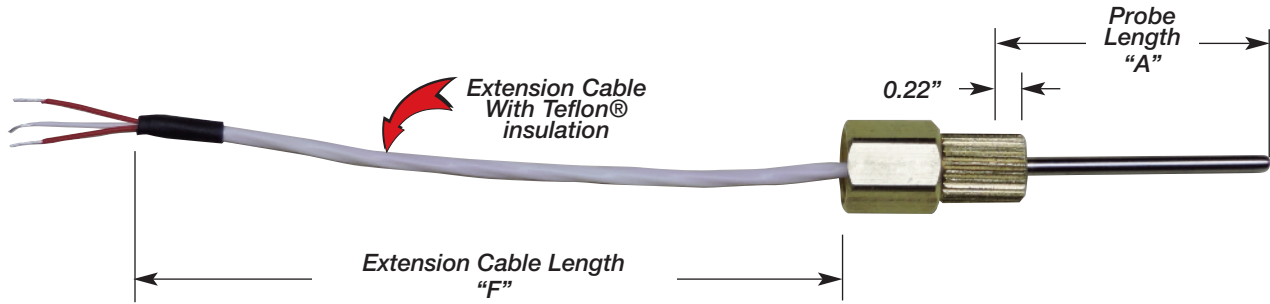


## Stocked items: Pt100 Ohm

SKU No.	Model Number	Probe Length "A" (in)	Element Type	Extension Cable Length "F" (in)
513-016-01	PETE01-L-P3A-TA-072-06-A-015	1.5	3-Wire	72.0
513-016-02	PETE01-L-P3A-TA-072-06-A-020	2.0	3-Wire	72.0
513-016-03	PETE01-L-P3A-TA-072-06-A-025	2.5	3-Wire	72.0
513-016-04	PETE01-L-P3A-TA-072-06-A-030	3.0	3-Wire	72.0

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## Custom Builder

MODEL      1      2      3      4      5      6      7

**PETE01** -  -  -  -  -  -  -

BOX1 CODE	Temperature Range
L	Low temperature -50 to 200°C (-58/392°F)
A	Very low temperature -20 to 95°C (-4/203°F)

BOX2 CODE	Element Type
P2A	Pt 100 Ω @ 0°C, α = 0.00385, 2-wire, ±0.06% (±0.15°C) @ 0°C, Class A
P3A	Pt 100 Ω @ 0°C, α = 0.00385, 3-wire, ±0.06% (±0.15°C) @ 0°C, Class A
P4A	Pt 100 Ω @ 0°C, α = 0.00385, 4-wire, ±0.06% (±0.15°C) @ 0°C, Class A
T2B	Pt 1000 Ω @ 0°C, α = 0.00385, 2-wire, ±0.12% (±0.3°C) @ 0°C, Class B
T3B	Pt 1000 Ω @ 0°C, α = 0.00385, 3-wire, ±0.12% (±0.3°C) @ 0°C, Class B
T4B	Pt 1000 Ω @ 0°C, α = 0.00385, 4-wire, ±0.12% (±0.3°C) @ 0°C, Class B
J1U	T/C type J, single isolated, std. limits of tolerance
K1U	T/C type K, single isolated, std. limits of tolerance
T1U	T/C type T, single isolated, std. limits of tolerance
E1U	T/C type E, single isolated, std. limits of tolerance

BOX3 CODE	Extension Cable Type
PV	PVC insulation, stranded cond. 90°C (195°F) max.
TF	Teflon® insulation, stranded cond. 200°C (392°F) max.
TS	Teflon® with SS overbraid, 200°C (392°F) max.
TA	Teflon® with SS armor, 200°C (392°F) max.

BOX4 CODE	Extension Cable Length "F"
---	In inches Ex.: <b>060</b> = 60" long
<b>Note:</b> Extension wires 12" long and less are single stranded leads, 22 AWG	

BOX5 CODE	Terminal Type
06	Bare leads, stripped 6"
CL	Bare leads, Closed Lugs for #6 screws (RTD's only)

BOX6 CODE	Probe Material
A	304 Stainless Steel

BOX7 CODE	Probe Length "A"
---	In 0.1" increments Ex.: <b>020</b> = 2.0" long (3.0" max.)

Other outputs available. Consult factory.



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