

TECHNICAL DATA



LS-103



LS-104



LS-107

Features

- Fast response time
- Compatible with Type-K temperature measuring instruments

Model LS-103 Air/Gas Thermocouple Probe

- Measurement range: 32 to 1112°F (0 to 600°C)
- Perforated shield permits fast response and element protection
- Dimensions: Probe: 6.8" (173mm), Handle: 5.2" (131mm), Wire: 60" (152cm)

Model LS-104 Right Angle Thermocouple Surface Probe

- Measurement range: 32 to 752°F (0 to 400°C)
- Dimensions: Probe: 7" (178mm), Handle: 5" (127mm), Wire: 60" (152cm)

Model LS-107 Immersion Thermocouple Probe

- Measurement range: -58 to 1292°F (-50 to 700°C)
- For immersion and general purpose applications
- Dimensions: Probe: 6.1" (156mm), Handle: 5" (127mm), Wire: 60" (152cm)



LS-139



LS-134A



LS-109

Model LS-109 Surface Thermocouple Probe

- Measurement range: 32 to 752°F (0 to 400°C)
- For general purpose temperature applications
- Dimensions: Probe: 6.3" (160mm), Handle: 5" (127mm), Wire: 60" (152cm)

Model LS-134A Needle Tip Thermocouple Probe

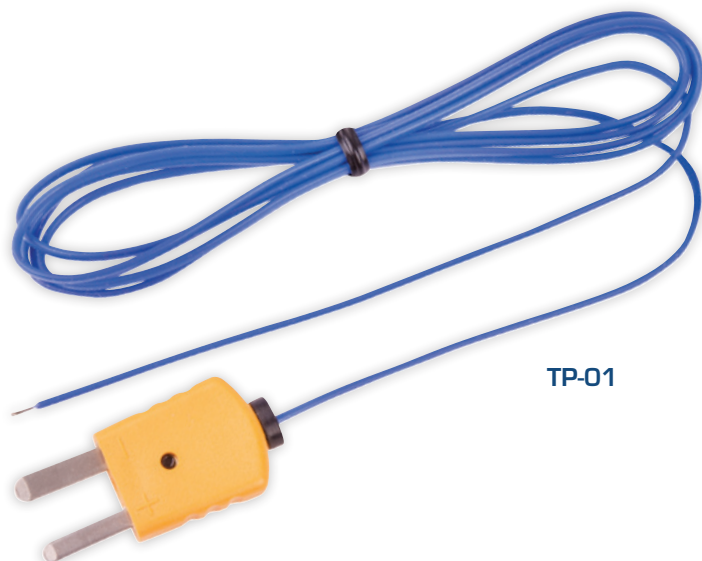
- Measurement range: -58 to 932°F (-50 to 500°C)
- Designed for food, gels and liquids
- Dimensions: Probe: 6.1" (156mm), Handle: 5" (127mm), Wire: 60" (152cm)

Model LS-139 Spring Loaded Surface Thermocouple Probe

- Measurement range: -58 to 1432°F (-50 to 800°C)
- For general purpose temperature applications
- Dimensions: Probe: 7" (180mm), Handle: 5" (127mm), Wire: 60" (152cm)

Continued...

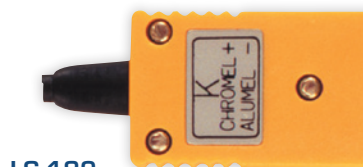
TECHNICAL DATA



TP-01



LS-181



LS-182

Model TP-01 Beaded Thermocouple Wire Probe

- Measurement range: -40 to 482°F (-40 to 250°C)
- For general purpose temperature applications
- Dimensions: Wire: 38" (96.5cm)

Model LS-181 Male Thermocouple Connector

- This type-k male thermocouple connector is constructed of glass-filled nylon for increased strength and wear resistance. The LS-181 is rated up 425°F (250°C) and is color coded according to ANSI thermocouple identification standards.

Model LS-182 Female Thermocouple Connector

- This type-k female thermocouple connector is constructed of glass-filled nylon for increased strength and wear resistance. The LS-182 is rated up 425°F (250°C) and is color coded according to ANSI thermocouple identification standards.

Model	Description
LS-103	Air/Gas Thermocouple Probe
LS-103-NIST	Air/Gas Thermocouple Probe & NIST
LS-104	Right Angle Thermocouple Surface Probe
LS-104-NIST	Right Angle TC Surface Probe & NIST
LS-107	Immersion Thermocouple Probe
LS-107-NIST	Immersion Thermocouple Probe & NIST
LS-109	Surface Thermocouple Probe
LS-109-NIST	Surface Thermocouple Probe & NIST
LS-134A	Needle Tip Thermocouple Probe
LS-134A-NIST	Needle Tip Thermocouple Probe & NIST
LS-139	Spring Loaded Surface Probe
LS-139-NIST	Spring Loaded Surface Probe & NIST
TP-01	Beaded Thermocouple Wire Probe
TP-01-NIST	Beaded Thermocouple Wire Probe & NIST
LS-181	Male Thermocouple Connector
LS-182	Female Thermocouple Connector