



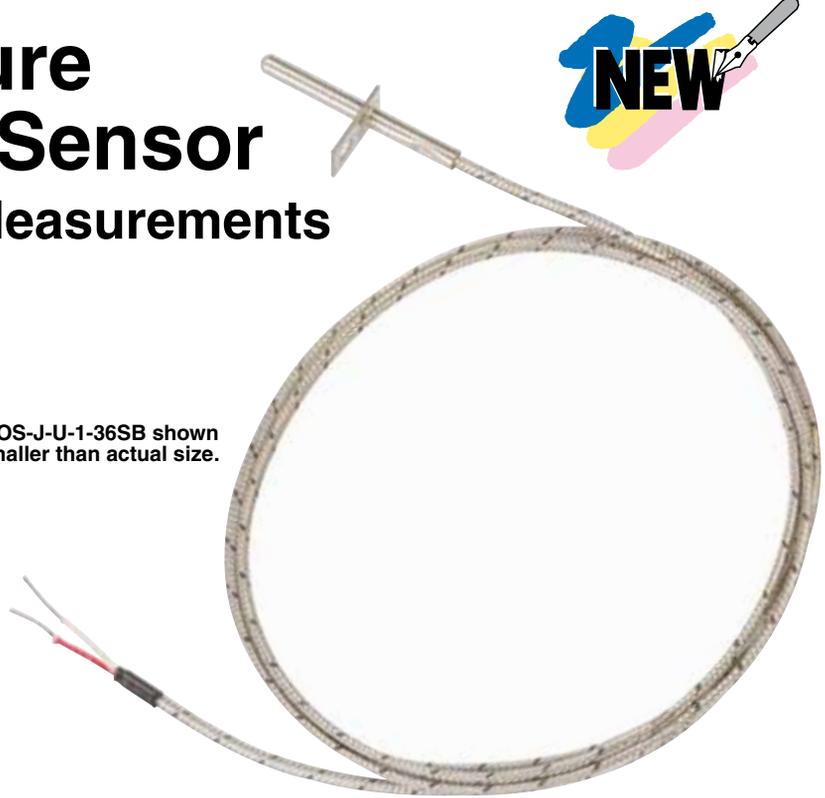
High Temperature Thermocouple Sensor

For Oven or Furnace Measurements

TOS Series

- ✓ 316 SS Insertion Tube with Mounting Bracket
- ✓ Rugged 20 AWG Stranded Thermocouple Wire with Fiberglass Insulation and Optional Stainless Steel Overbraiding
- ✓ Insertion Temperature: 204°C (400°F) Continuous, 315°C (600°F) Intermittently
- ✓ Available in J/K/T/E/N Thermocouple Types

TOS-J-U-1-36SB shown smaller than actual size.



Designed for use in oven monitoring or other applications where a simple 1/4-20 mounting bolt/screw is needed. The thermocouple sensor can withstand constant temperatures of 204°C (400°F) and 315°C (600°F) intermittently. The stainless steel braided cable provides abrasion resistance and

easy installation into cable trays or ducts. The sensor can be customized with a longer probe length, longer cable length, or other thermocouple type.

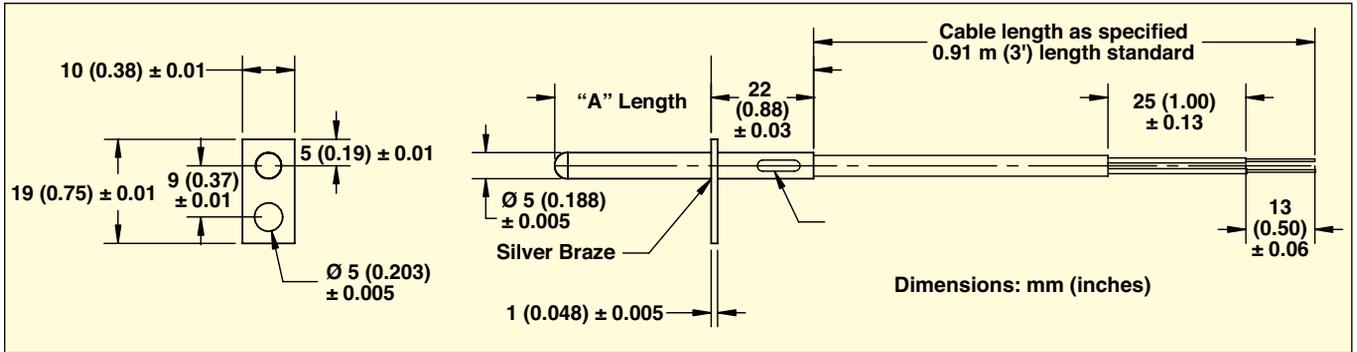
Mounting Hole: 5 mm (0.2") dia.
Cable: 20 AWG stranded, fiberglass insulation, 300 Series SS overbraiding
Cable Length: 0.91 m (3')
Thermocouple: Ungrounded or grounded available

Specifications

Insertion Length: 25.4 mm (1.0")
Tube: 316 SS
Tube Diameter: 4.77 mm (0.188")
Mounting Bracket: 316 SS

MAXIMUM TEMPERATURES

Probe and Cable: 204°C (400°F)
Mounting Bracket Braze: 204°C (400°F) continuous, 315°C (600°F) intermittently



To Order	
Model No.	Description
TOS-J-U-1-36SB	Type J Thermocouple, ungrounded junction, 25.4 mm (1") insertion length, 0.91 m (3') cable
TOS-K-U-1-36SB	Type K Thermocouple, ungrounded junction, 25.4 mm (1") insertion length, 0.91 m (3') cable
TOS-T-U-1-36SB	Type T Thermocouple, ungrounded junction, 25.4 mm (1") insertion length, 0.91 m (3') cable
TOS-E-U-1-36SB	Type E Thermocouple, ungrounded junction, 25.4 mm (1") insertion length, 0.91 m (3') cable
TOS-N-U-1-36SB	Type N Thermocouple, ungrounded junction, 25.4 mm (1") insertion length, 0.91 m (3') cable

For grounded junction, change "U" to "G", no additional cost.

Ordering Example: TOS-J-U-1-36SB, Type J thermocouple, ungrounded junction, 25.4 mm (1") insertion length, 0.91 m (3') cable length.