



More than **sensors + automation**

# JUMO FOODtemp

## Insertion Temperature Probe for the Food Industry



### Accurately cooked

- Core temperature recording especially suited to cooking, boiling, and baking processes
- As single and double RTD temperature probe for temperatures from  $-50$  to  $+260^{\circ}\text{C}$
- As thermocouple with several measurement points for temperatures from  $-100$  to  $+260^{\circ}\text{C}$
- Vapor-sealed and pressure-tight
- High mechanical strength

Type 901350, 902350



## Brief overview

Many processes in food production require the use of insertion RTD temperature probes or thermocouples for monitoring the product quality. The evaluation of the core temperature during cooking, smoking, baking, and heating permits optimum operation and control of the process sequence.

Extreme requirements – such as sealing against water vapor, ability to withstand pressure and mechanical shock, and resistance to oils and acids – demand high standards

in manufacturing processes and materials. JUMO insertion temperature probes have been proven countless times in practical use under such conditions.

Rigid protection tubes in stainless steel with different measurement tips meet the high mechanical demands. Handles in PTFE, HTV silicone, PEEK, or PPS plastic have proven to be highly effective. Connecting cables in PTFE or silicone (with or without screening) ensure reliable transfer of the measurement.

## Technical data – JUMO FOODtemp

### Thermocouple insertion probe, type 901350

Designation	JUMO FOODtemp Thermocouple insertion thermocouples
Features	Steam-tight, high mechanical strength, multiple measuring points
Application ranges	Industry kitchen equipment suppliers, sterilizers
Operating temperature	-100 to +260 °C
Measuring circuits	PTFE handle: 3/4/5 PEEK handle: 3/4
Sensor	Thermal pairs "K"
Handle	PTFE handle: Ø 12 mm PEEK handle: T-form, PEEK handle: Ø 11.5 mm
Protection fitting	Stainless steel
Protection type	IP67
Special features	Probe tip centric/angled Cable outlet on the side

### Insertion RTD temperature probe, type 902350

Designation	JUMO FOODtemp Insertion RTD temperature probe
Features	Steam-tight, high mechanical strength
Application ranges	Industry kitchen equipment suppliers, meat processing plant suppliers, baking oven, apparatus manufacturing
Operating temperature	PTFE handle: -100 to +260 °C FPM handle: -50 to +200 °C PEEK handle: -50 to +260 °C
Measuring circuits	PTFE and PEEK handle: 1/2 FPM handle: 1
Sensor	Pt100
Handle	PTFE handle: Ø 10 mm, 12 mm, 15 mm FPM handle: Ø 6.5 mm PEEK handle: T-form PEEK handle: Ø 11.5 mm
Protection fitting	Stainless steel
Protection type	IP67
Special features	Probe tip centric/angled Cable outlet on the side