Piercing temperature sensor Pt100 with passive resistance
» with FEP (silicone) handle + cable

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CONTROLS for
FOODTECHNOLOGY

» Most suited for

These **tough and steam resistant piercing temperature sensors** have a special design, allowing them to be used in **all areas of food processing**, especially for **boiling, cooking** and **baking processes**.

» Features

- Range of application**: -50°C up to +180°C**
- **Watertight and steam resistant**
- High mechanical cohesion
- Protective sleeve/needle made of **stainless steel 1.4571**
- For use in the food industry
- All models are **extremely impact-resistant**

» Technical data

Connection	End of cables with cable end sleeves	
Connection cable	FEP (Fluorinated ethylene propylene) / silicone connection cable, shielded	
Cable length (standard)	**2 m, 5 m, 7 m**	**Please specify standard/special lengths when you order!**
Special cable	From 1 m	
Protective sleeve/needle (standard)	**L 140 mm x 4 mm Ø** **Stainless steel 1.4571**	**Length and diameter of the needle can be flexibly manufactured to your needs. Please specify the dimensions when ordering special versions!**
Needle tip	Centered, angle 25°	Other angles / shapes available on request
Measuring insert (standard)	**Pt100 sensors, IEC 751, class 1/3 DIN 3-wire version**	
Degree of protection	IP67	
Optional	▪ 2 measuring inserts Pt100 ▪ 4-wire per measuring insert ▪ Pt500 ▪ Pt1000	

» Delivery

Available from stock	Standard version: Probe tube (needle) made of stainless steel with centered needle tip	See scale drawing below
Optionally available	Variable needle and cable length Variable needle diameter Variable measuring inserts	

» Scale drawing of the standard version

4mmØ

140mm   ca. 120mm   Cable length 2m, 5m, 7m

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