## Piercing temperature sensor Pt100 with passive resistance

» with PTFE (Teflon) handle + cable



## » Most suited for

Technical data

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.



For use in autoclaves, please see our special design: Steam-pressure resistant up to 3 bar, cable length 7m

Don't hesitate to ask us!

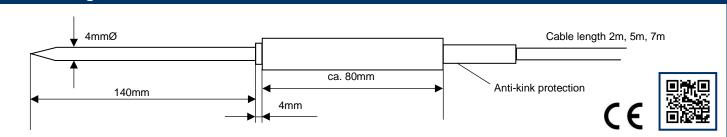
## » Features

- Range of application: -50°C up to +250°C
- · Watertight and steam resistant
- High mechanical cohesion
- Protective sleeve/needle made of stainless steel 1.4571
- Internal wire mesh (protection)
- For use in the food industry
- Handles and cables are oil and acid resistant
- All models are extremely impact-resistant
- Not suitable for autoclaves

» Technical data		
Connection	End of cables with cable end sleeves	
Connection cable	PTFE (Polytetrafluorethylene) / Teflon 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, DIN EN 60751, KI. B 3-wire version	
Degree of protection	IP67	
Optional	<ul> <li>2 measuring inserts Pt100</li> <li>4-wire per measuring insert</li> <li>Pt500</li> <li>Pt1000</li> </ul>	
» Delivery		
Available from stock	Standard version: Probe tube (needle) made of stainless steel with centered needle tip	See scale drawing below
	Variable needle and cable length	

## » Scale drawing of the standard version

Optionally available



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Variable needle diameter Variable measuring inserts