

# Resistance thermometer type 187 and 205

for surface temperature measurement

## Temperature range up to 400 °C

These temperature probes were developed for the measurement of surface temperatures.

The measuring elements are built into a metal casing, which is installed directly on the surface which has to be measured.

The installation of the design TG 187 takes place via bolting on with screws up to  $\varnothing$  4 mm or via clamping with commercially available clamp clip or hose clamps up to breadth of 10 mm. The design TG 205 has in the bottom part the metric thread M6 and is screwed in directly into the surface.

Available for temperatures of 200°C and 400°C and in 2- or 4-wire-systems.

Material: *Metal casing and break protection spring stainless steel.*

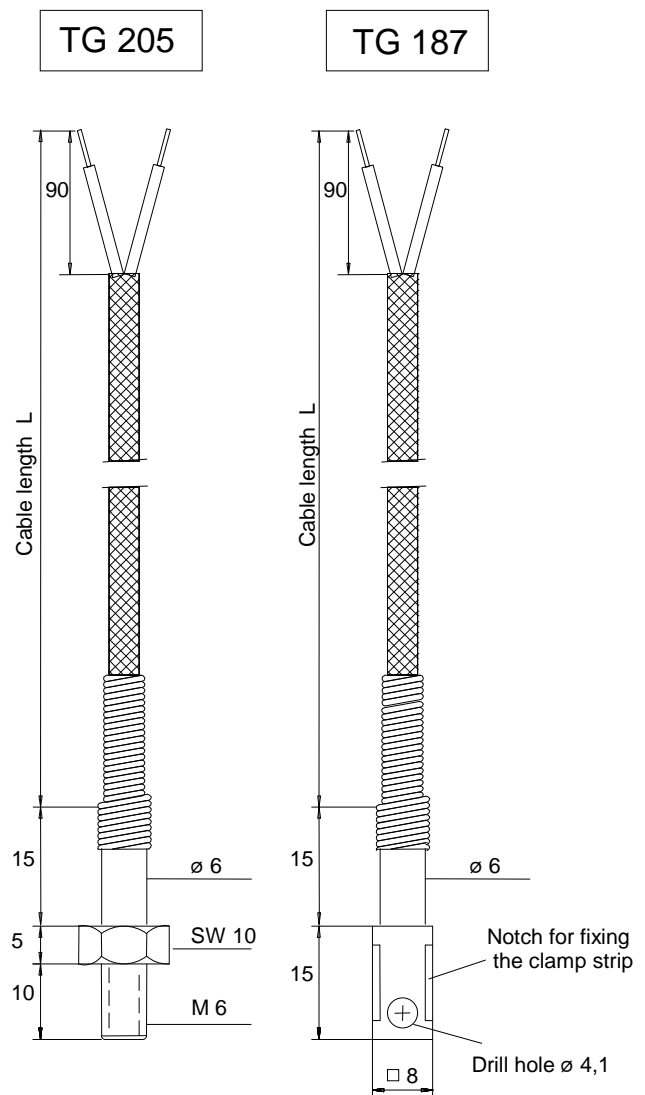
Surface probe TG 187 for screw in and/or clamp in			
Element	Design	200°C	400°C
		Order number	Order number
1x Pt 100	2-Leiter	TF187.001	TF187.004
1x Pt 100	4-Leiter	TF187.002	TF187.005
2x Pt 100	2-Leiter	TF187.003	TF187.006

Surface probe TG 205 for screw in directly			
Element	Design	200°C	400°C
		Order number	Order number
1x Pt 100	2-Leiter	TF205.001	TF205.004
1x Pt 100	4-Leiter	TF205.002	TF205.005
2x Pt 100	2-Leiter	TF205.003	TF205.006

**!** The articles as shown above don't include a connection cable !  
Please order the necessary cable length separately.

Fitting connection cable	
200°C max. insulation : teflon / glas- / stainless steel - mesh	400°C max. insulation : teflon / glas- / stainless steel - mesh
2-wire : LT2-0,22CPV	2-wire : LG2-0,5CPV
4-wire : LT4-0,22CPV	4-wire : LG4-0,22CPV

Accessories	
Clamp band set	Order number
1m clamp band; 1 lock	SBS-1
thermal compound 0,5 ml in plastic injection	WLP-05



Those designs are also as thermocouples available.