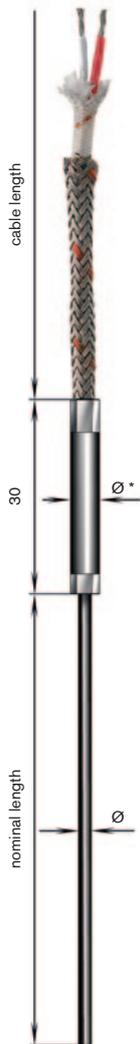


# RESISTANCE THERMOMETERS

## RTD 501

Mineral insulated resistance thermometer with PFA connection cable TGV

<b>RTD:</b>	Pt 100 acc. to DIN EN 60751
<b>sheath material:</b>	mat. no. 1.4541
<b>measuring range:</b>	-50 up to +400°C and -50 up to +600°C



### RTD:

- 1 x Pt 100 class B       2 x Pt 100 class B  
 1 x Pt 100 class A       2 x Pt 100 class A

### CIRCUIT OF INNER WIRES:

- 2-wire circuit       3-wire circuit       4-wire circuit

### SHEATH - Ø:

- 1,5 mm     3,0 mm     4,5 mm     6,0 mm     other sheath-Ø \_\_\_\_\_

### TYPE OF CABLE ENDS:

- bare ends       cable lugs M4  
 end sleeves       tinned  
 other cable ends \_\_\_\_\_

### CONNECTION CABLE:

- 1,0 m     2,5 m     5,0 m  
 1,5 m     3,0 m     10,0 m  
 2,0 m     4,0 m     other lengths \_\_\_\_\_

### MEASURING RANGE:

- 50 up to +400°C with kink protection  
 -50 up to +600°C with kink protection  
 -50 up to +400°C without kink protection  
 -50 up to +600°C without kink protection

**NOMINAL LENGTH:** \_\_\_\_\_ mm

\*type of sleeve corresponds to sheath-Ø and connection cable

## CONNECTION CABLE TGV

Construction	
<b>Insulation:</b>	PFA
<b>Stranding:</b>	cores together
<b>Braiding:</b>	fibre-glass
<b>Armouring:</b>	stainless steel wire armouring (VA) with tracer
<b>Shape:</b>	round
<b>Cable section:</b>	0,18 mm <sup>2</sup>

Technical data	
<b>Min. bending radius:</b>	12 x d
<b>Temp. range of insulation:</b>	<b>flexible application:</b> max. +250°C <b>fixed laying:</b> max. +250°C <b>with limited service time:</b> +260°C
<b>Insulation resistance:</b>	> 1MΩ x km
<b>Fire performance:</b>	no flame propagation acc. to IEC 60332 + EN 60332 Cat. C or D. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union