

# ANGLE RESISTANCE THERMOMETER T531

## General Information

With a 2-wire circuit only one class accuracy class B accuracy can be confirmed.

For the temperature collection at plastics processing machines or similar. It is especially appropriate, whenever a straight cable lead for example due to space reasons is not possible or wanted. The stainless steel wire armouring of the connection cable is used as mechanical protection. Fixing by a clamping screw connection.

Also available as Pt 500 or Pt 1000 with limit deviations in classes A or B!



### RTD:

- 1 x Pt 100       2 x Pt 100

### LIMIT DEVIATION:

- class A       class B

### LIMITING DEVIATION:

- class A       -30°C / +300°C       -100°C / +450°C  
 class B       -50°C / +500°C       -196°C / +600°C

### CONNECTION TYPE OF INNER WIRE:

- 2-wire circuit     \_\_\_\_\_

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

### DIAMETER:

- Ø 6,0 mm       Ø 8,0 mm       Ø \_\_\_\_\_ mm

### MATERIAL:

- 1.4571

### TYPE:

- with kink protection       without kink protection

### CONNECTION CABLE:

(see also survey of connecting cables for thermocouples)

- extension cable strand/fiber glass/fiber glass/  
stainless steel wire armouring      +400°C  
 extension cable strand/PFA/fiber glass/  
stainless steel wire armouring      +250°C  
 \_\_\_\_\_

CABLE LENGTH: \_\_\_\_\_ m

### CONNECTION ENDS:

- miniature thermoplug       miniature socket  
 standard plug       Lemo plug type \_\_\_\_\_  
 clips       Lemo socket type \_\_\_\_\_  
 bare ends       other cable ends \_\_\_\_\_



- The above mentioned technical data are standard data.
- Individual parameters, e. g. nominal length, connection cable, double resistance thermometer in 3-or 4- wire circuit, cable end or higher temperature resistance can be added or modified on request.