

## Digital thermometer NiCr-Ni

### Digital thermometer A305

- Selectable resolution 0,1°C (up to 200°C) or 1°C
- HOLD – function / Max – function
- Extra protection housing (rubber)
- Calibration function

Measuring range: -50°C ... +1300°C  
 Accuracy: ± 0,3% of value +1°C up to 1000°C  
 ± 0,5% of value +1°C up to 1300°C  
 Resolution: 0,1 (to 199,9 °C/F); 1 (from 200° C/F)  
 Sample rate: 2,5 / sec  
 Display: LCD 15mm (°C / °F) , 3 ½ sign  
 Power supply: 9V battery / life time approx. 200h  
 Plug-style: thermocouple mini-plug (Typ K)  
 Weight: 340g incl. protection housing (rubber)  
 Dimensions: 147 x 70 x 39 mm (l x w x h)  
 Order-no.: 00305 118,00 €



Case, grey, 380x230x100mm (l x w x h)  
 order-no.: 131400 34,00 €



Typ 305 (Abb. ähnlich)

### Digital thermometer A307

Like type 305, but with 2 measure channels and additional function: Differential T1-T2  
 Resolution: ±2°C (-50°C to 0°C) else like A305  
 Order-no.: 00307 132,50 €

### Special probes for surface measurement

**WO 1301** Cylinder probe up to 250°C; spring-clamped thermocouple for cylindrical objects, response time: 2s; spiral cable: 1,5m  
 WO 1301 3741080 167,00 €

**GO 1301** Fast response surface probe up to 500°C; response time: 1-2s; spiral cable: 1,5m  
 GO 1301 3741130 200,00 €

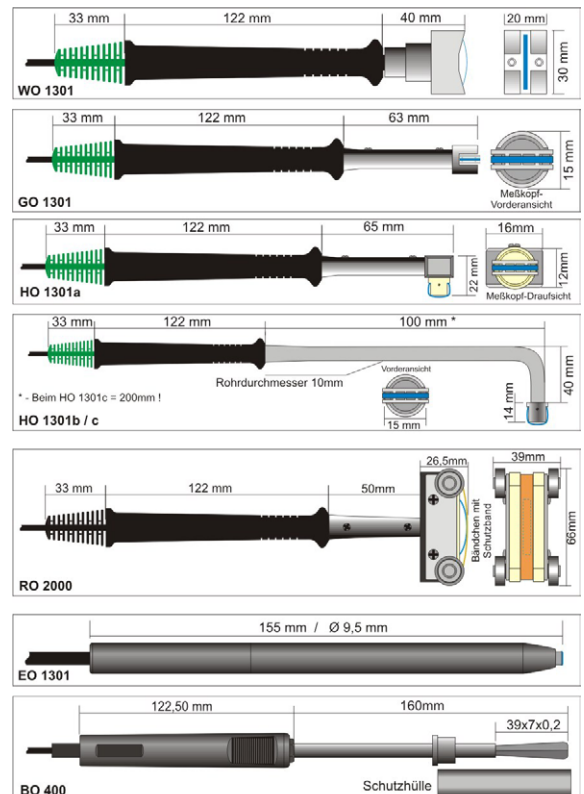
**HO 1301a** Right angle fast response surface probe up to 300°C; response time: 1-2s; spiral cable: 1,5m  
 HO 1301a 3741140 225,00 €

**HO 1301b / c** Right angle fast response surface probes up to 500°C; response time: 1-2s; spiral cable: 1,5m; HO1301b=100mm / HO1301c=200mm  
 HO 1301b 3741090 229,00 €  
 HO 1301c 6001004 266,00 €

**RO 2000** Roller surface probe up to 200°C, for running cylinders or sheets up to 200m/min; response time: 3.5s; cable: 1,8m  
 RO 2000 3741190 311,00 €

**EO 1301** Thin-body surface probe for very small surfaces like electrical devices up to 400°C; band-dimensions: 1x3mm; response time: 1s; cable: 1m; connector: miniatur-thermocouple-plug (Typ K, yellow)  
 EO 1301 3741160 177,00 €

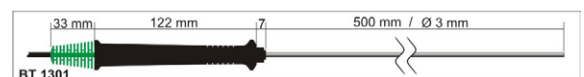
**BO 400** for very precision surface measuring; Response time: 2s; measuring range: -50° ... +400°C; cable: 1m; connector: miniatur-thermocouple-plug (Typ K, yellow)  
 BO 400 6001003 118,00 €



### Special probes for immersion measurement

Whether gaseous, liquid or plastic media → everytime the right probe for your application ! (Tolerance class 1 acc. To DIN IEC 584)  
 All probes are shipped with miniatur-thermocouple-connector (Type K; yellow).

**BT 1301** Flexible mineral insulated probe; Inconel; very robust; up to 1100°C (short time up to 1200°C); response time: 5s; spiral cable: 1.5m  
 BT 1301 3741040 146,00 €



All prices exclusive of VAT. – Jan-11

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min. order value: 30,- €

Documentation-stand: 20/04/2010

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**BT 1301d** Ductile probe up to 1100°C  
(short time up to 1200°C), very thin with fast response time.  
Inconel. response time: 0,5s; ; spiral cable: 1,5m  
BT 1301d **3741050** **164,00 €**

**ET 1301k** Puncture probe up to 600°C with slant tipped sheath and adjustable depth gauge for measurement of plastic media; length: L=75mm; diameter sheath: d=2 mm; response time: 3s; spiral cable: 1,5m  
ET 1301k **3741060** **114,00 €**

**ET 1301** like ET 1301 k however without adjustable gauge;  
length: L=150mm; diameter sheath: d=3 mm;  
response time: 3s; spiral cable 1,5m  
ET 1301 **3741070** **122,00 €**

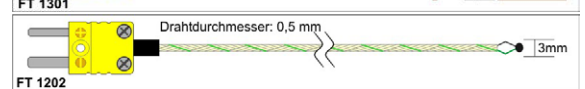
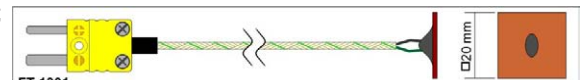
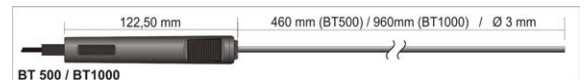
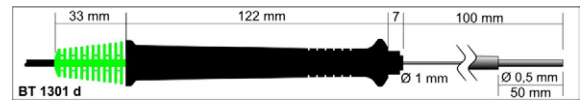
**ET 400** Robust puncture probe up to 400°C for bitumen-material etc.  
Stainless sheath; response time: 8s; spiral cable: 1m  
ET 400 **6001055** **107,00 €**

**BT 500** economically priced flexibel mineral insulated probe;  
Inconel sheath; measuring range: -50 ... 1100°C; response time: 8s;  
Cabel: 2m PVC with miniatur-thermocouple-connector  
BT 500 **130500** **129,00 €**  
BT1000 **1301000** **136,50 €**

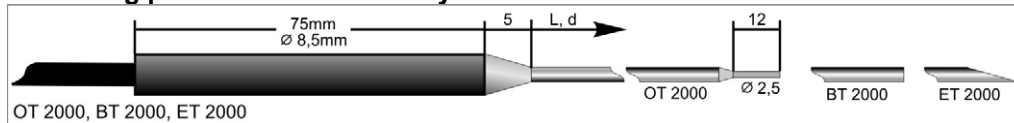
**FT 1301** flexibel thermocouple probe for measuring in ovens etc. up to 350°C;  
acc. DIN 44547; cable: 2m thermal cable, glass fibre insulated  
FT 1301 **3758270** **52,00 €**

**FT 1202** Exposed thermocouple element, thermal wire glass fibre insulated  
up to 400°C; cable: 2m thermal cable, glass fibre insulated  
FT 1202 **3758250** **31,50 €**

**FT 1205** Exposed thermocouple element, thermal wire teflon insulated  
up to 200°C; cable: 2m thermal cable  
(dimensions like FT1202, however thermal cable diameter: 0,2mm)  
FT 1205 **700208** **25,00 €**



### Measuring probe • small • handy • low cost: Tolerance class 1 acc. DIN IEC 584



OT 2000, BT 2000, ET 2000

**OT 2000** immersion probe up to 600°C; response time: 5s; cabel. 1,5m; L=150mm; d=3,6mm  
**3759110** **81,00 €**

**BT 2000** Mineral-insulated thermocouple for immersion measuring up to 1100°C; response time: 3s; cabel: 1,5m; L=500mm; d=1,5mm  
**3759140** **74,00 €**

**ET 2000** puncture or immersion probe with slant tipped sheath; up to 600°C; response time: 5s; cabel:1,5m; L=150mm; d=3mm  
**3759130** **106,00 €**

#### Accessories:

Miniatur thermoelement connector, type K (yellow), male	<b>131065</b>	<b>4,00 €</b>
thermoelement connector, type K (yellow), female	<b>131070</b>	<b>4,00 €</b>
Extension cable, 5 m	<b>3749420</b>	<b>56,00 €</b>
thermal wire glass fibre insulated, type K (NiCr-Ni) dimensions outer: 2x1mm oval / inner: 2x0,5mm <sup>2</sup> , massive	<b>131159</b>	<b>3,80 € per meter</b>