

1150°C

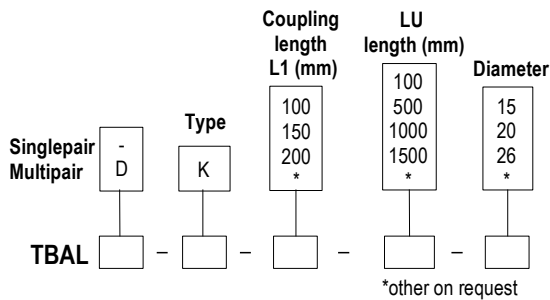


**Thermocouple K sensor
for high temperature
with ceramic protection .**

TBAL K / TBALD K

- Thermocouple K.
- Working temperature : up to +1150°C.
- Mounting with ceramic sheath.

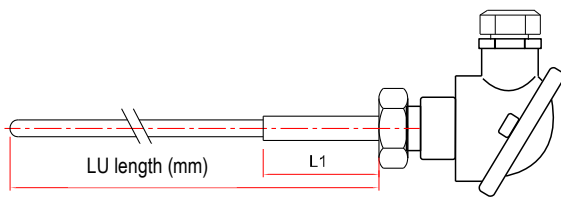
■ **Part numbers**



Example : TBAL-K-100-500-15

Model : Thermocouple type K, sheath of 15 mm Ø with a coupling of 100 mm length and a ceramic of 400 mm length. LU is 500 mm.

■ **Dimensions**



■ **Accessories (See related FT)**

- Extension cable
- Compensating cable
- Standard or miniature connector
- Cable seal for plug and socket connector
- Miniature or standard fixed connector
- Miniature or standard connectors panel
- Extension lead
- Converters

■ **Technical features**

- Maximum operating temperature ..+1150°C
- Accuracy..... ± 0,0075 t t l
- Sheath..... Coupling 21,3 mm Ø
(Customized length)
Watertight refractory ceramic sheath
(CRE 610)
Standard 15 mm Ø (Other on request)
(Customized length)
- Mounting..... Wires in ceramic pearls
couple of wires Ø 2.9 mm (singlepair)
or Ø 2.3 mm (multipair)
(Other on request)
- Connection head..... Aluminium alloy (120°C max)
steel cable gland : M20 x 150
IP54 protection
- Storage temperature..... from -20°C to +80°C

■ **Tolerances**

TC	Measuring range Class 1	Tolerance
K	from -40°C to +1000°C	from -40°C to +375°C ± 1.5°C from 375°C to 1000°C ± 0.004 x T° abs

■ **Most common thermocouple types**

Thermocouple type	+ conductor	- conductor	Color of compensating cable
K	Chromel	Alumel	Ext. color + = green, - = white

Ref. FTang - TBALK-11/07 A - We reserve the right to modify the characteristics of our products without notice.

Händlerkontakt: