Conductivity Cell - high temperature model

Features

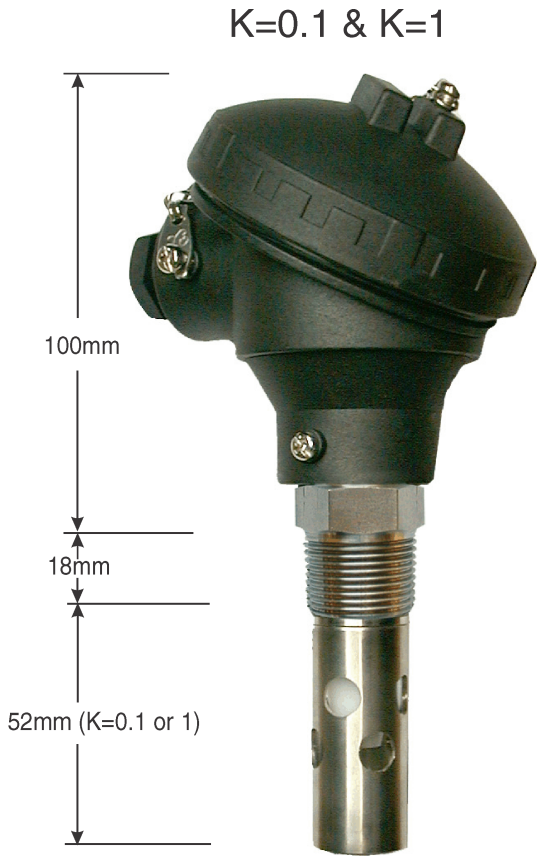
- K=0.1 or K=1.0 factors
- High temperature capability, up to 120°C
- Pt100 temperature compensation sensor
- Junction head for electrical connection

Description

The TBTHRTHT high temperature series conductivity cells are designed for continuous use in process temperatures of up to 120°C. The cells may be installed directly into the process stream or in an optional bypass chamber. The cells measure the sample passing through the inside of the cell chamber to eliminate errors caused by external metallic surfaces. This makes them ideal for installation into both metallic and non-metallic flow lines.

Temperature sensing is provided by an inbuilt Pt100 (RTD) temperature sensor. If required, other temperature sensor types may be fitted. Consult supplier for details.

See separate brochure for K=0.01 version model: P-CS41-0.01-PT100-HT



Specifications	
Cell Constants	K=0.1 or K=1
Operating temperature	Up to 120°C
Operating pressure	Up to 7 bar
Temperature sensor	Pt100 RTD
Wetted materials	316L S-steel, Acetal
Stem Length:	
K=0.1	52mm
K=1	52mm
Stem Diameter	22mm
Process insertion	3/4" BSP thread
Electrical Connection	Screw terminal junction head

Order Code	
P-K=0.1TBTHRTHT	K factor K=0.1
P-K=1.0TBTHRTHT	K factor K=1.0

These conductivity cells are ideal for direct connection to AIC's range of conductivity cell input instrumentation.

The monitors include the dual channel panel mount model (PM5-CO) and the single channel DIN rail mount model (RM4-CO)

CONDTBTHRTHT-3.1-0

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