

## **Technical Data Sheet**

Pressure / Temperature / Humidity / Air Velocity / Airflow / Sound level

## TK 110 - TK 112

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K,J,T,S		
TK110 : TK112 : 2		
4 , LCD, 50*36mm 2 ( ) - 5 , 7 2 ( ) - 5 , 16		
ABS , IP 54		
5		
Directives CEM 2004/108/CE and NF EN 61010-1		
4 batteries AAA LR03 1.5 V		
180		
Neutral Gas		
From 0 to +50 °C		
From -20 to +80 °C		
0~120 가		
210 g		

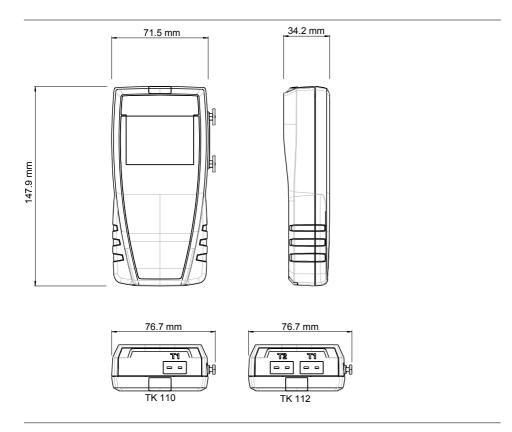
			1	
	(	가 )		
Thermocouple K	°C, °F	From -200 to +1300 °C	±1.1 °C or ±0.4% of reading value*	0.1 °C
Thermocouple J	°C, °F	From -100 to +750 °C	±0.8 °C or ±0.4% of reading value*	0.1 °C
Thermocouple T	°C, °F	From -200 to +400 °C	±0.5 °C or ±0.4% of reading value*	0.1 °C
Thermocouple S	°C, °F	From 0 to 1760 °C	±1 °C or ±0.4% of reading value*	0.1 °C



<sup>&</sup>lt;sup>1</sup>All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out with required

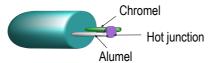
compensation.

\* The accuracy is expressed either by a deviation in °C, or by a percentage of the value concerned. Only the bigger value is considered.



According to the Seebeck effect, when two wires composed of different metals are joined at both ends, an electric circuit is formed. This voltage varies according to the measured temperature.

## Thermocouple K example



1 . (02-338-0023)

(ref : ST 110)

CQ 15:

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RTE:

1M, 90

Black ball  $\varnothing$  150 mm with stuffing box for temperature probe  $\varnothing$  4.5 mm. Other on request.

MT 51:

ABS



(02-338-0023)

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