

## APPLICATIONS

Food industry

- Semi solid
- Soft foods
- Liquids

Temperature measurement in soil

## FEATURES

Reliable and accurate measurement with thermoresistance (RTD) element. Class B / Class A / Class 1/3DIN

Reliable and accurate measurement with thermocouple element

Tube or Pencil type penetration probe

Protection sheath material AISI 304 / AISI316

Wide range of diameter

Plastic hand held

Wide range of working temperature range:  
-50C to 200C / -50C to 400C

Wide range of cables:

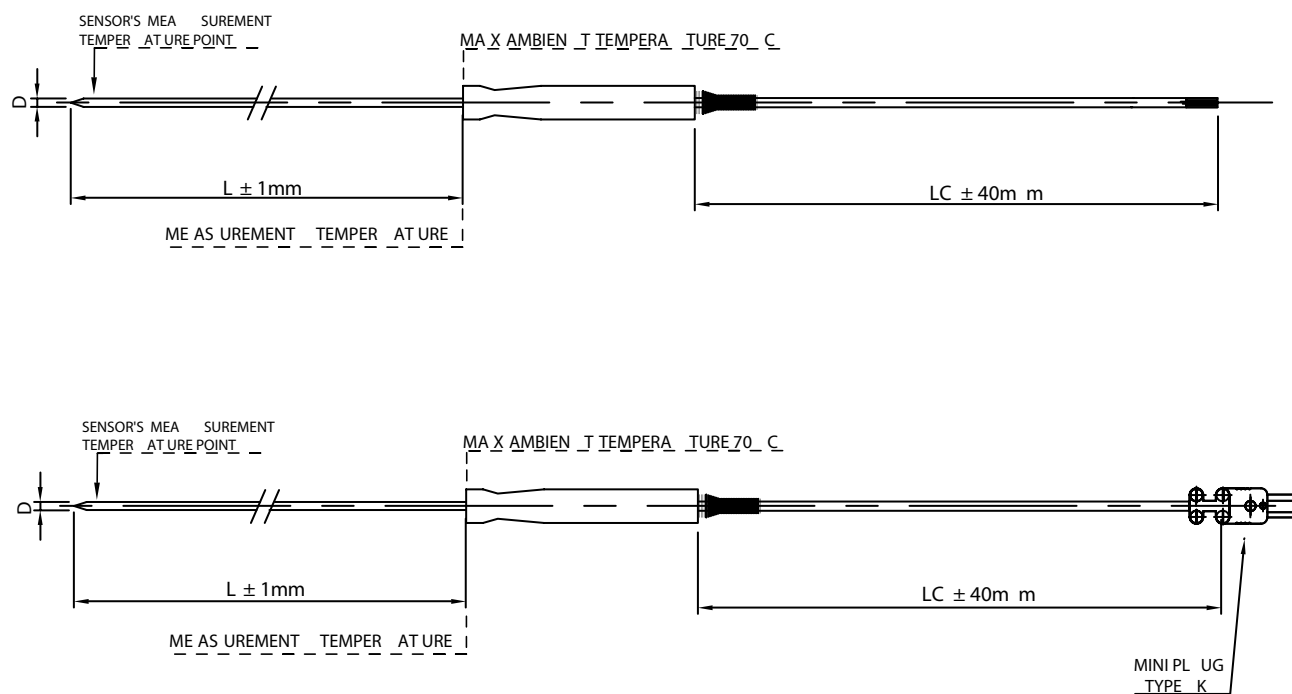
- PVC / PVC (-10C to 105C)
- PTFE / PTFE (-10C to 260C)
- Glass Fiber / Glass Fiber / Screen (0C to 400C)

Max ambient temperature 70C





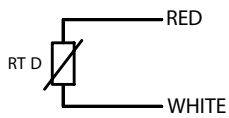
### HH1: Hand held Temperature sensor with plastic hand held / for low temperature applications



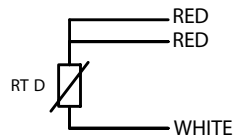


Cable: Thermoresistance. Color code according to DIN EN 60751  
Thermocouple Color code according to EN 60584-1 / MINI Plug TYPE K

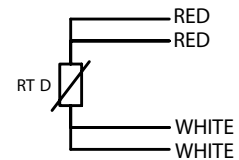
1 x RTD 2 wires



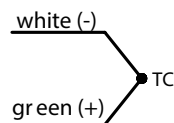
1 x RTD 3 wires



1 x RTD 4 wires

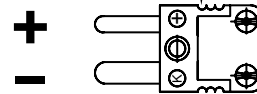


1xK (1xNiCr-NiAl)



Mini Plug TYPE K

PLUG  
MINIATURE



HH1

ORDER CODE

ANALYSIS LTD



## ORDER CODE FOR HH1

## PENETRATION PROBE

TUBE

T

PENCIL

P

## SENSOR ELEMENT: THERMORESISTANCE (RTD) OR THERMOCOUPLE

1xPT100 - 2 Wires DIN EN 60751

1

1xPT100 - 3 Wires DIN EN 60751

2

1xPT100 - 4 Wires DIN EN 60751

3

1xPT1000 - 2 Wires DIN EN 60751

6

1xPT1000 - 3 Wires DIN EN 60751

7

1xPT1000 - 4 Wires DIN EN 60751

8

1xTYPE K (NiCr-NiAl) Class 1 EN60584-1

1K

## PROTECTION SHEATH MATERIAL

AISI 304

4

AISI 316

5

OTHER PROTECTION SHEATH MATERIAL ON REQUEST

XX

## TEMPERATURE RANGE

-50C to 200C

L

-50C to 400C

H

## RTD CLASS [For thermoresistance elements]

Class B

B

Class A

A

Class 1/3DIN

13

## MINI PLUG TYPE K [For thermocouple elements]

WITH MINI PLUG TYPE K

Y

WITHOUT MINI PLUG TYPE K

N

## DIAMETER D[mm]

3.0mm

3

4.0mm

4

5.0mm

5

6.0mm

6

OTHER DIAMETER D[mm] ON REQUEST

XX

## LENGTH L[mm ±1]

From 50mm to 500mm

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OTHER LENGTH L[mm] ON REQUEST

XX

## CABLE LENGTH LC[mm ±40]

From 500mm to 10.000mm

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OTHER CABLE LENGTH LC[mm] ON REQUEST

XX

## CABLE MATERIAL [For temperature sensors with cable]

PVC/PVC (-10C to 105C)

PV

PTFE/PTFE (-60C to 260C)

PT

Glass Fiber/Glass Fiber/Screen (0C to 400C)

GR

OTHER CABLE MATERIAL ON REQUEST

XX

ORDERING EXAMPLE: HH1-T-3-4-L-A-4-120-2-PT

www.analysis-ltd.com.gr

Version: HH1.1.19-02-17

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