

## AVA Series

Thermocouple, PT100 / PT1000 for air and gas measurement

Ref : 2179

Rev : B

### DESCRIPTION

This temperature sensor model is available in platinum probe PT100 or PT1000 version and in thermocouple version. It is ideal for air and gas measurements.

This sensor has a threaded body and a shielded Teflon extension cable.

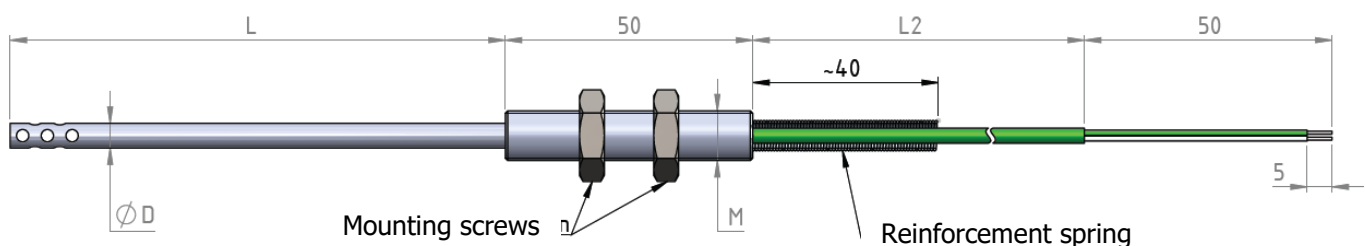
MESUREX is a sensor manufacturer. We can adapt most sensors to your needs. Please [contact us](#).

K Green	J Black	T Brown	N Pink	E Purple	R/S Orange	B Grey	Cu White
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### TECHNICAL CHARACTERISTICS

PARAMETERS	VALUES
Type	PT100 (single or double) / PT1000 (single or double) / Thermocouple K, J, T, E, N, S type (single or double)
Temperature range	-60°C to 250°C (see special options)
Nature of the sheath	Stainless steel 304 (other on request)
Nature of the extension	Shielded Teflon (other on request)
Precision	PT100 / PT1000: Class A according to NF EN 60751 standard (other on request) Thermocouple: Class 1 according to NF EN 60584-1 standard
Diameter	3 / 4 / 5 / 6 mm (other on request)
Sheath length	50 / 100 / 300 / 500 mm as standard (other on request – maximum 500 mm)
Extension length	2 m as standard (other on request)
Threaded tube	M10x100 / M6x100 / M8x125 / G1/4 / G1/2 (other on request)
Connections	Bare wires as standard (specific connector on request) PT100 / PT1000: 3-wire mount as standard (2 or 4 wires on demand)

### DIMENSIONS

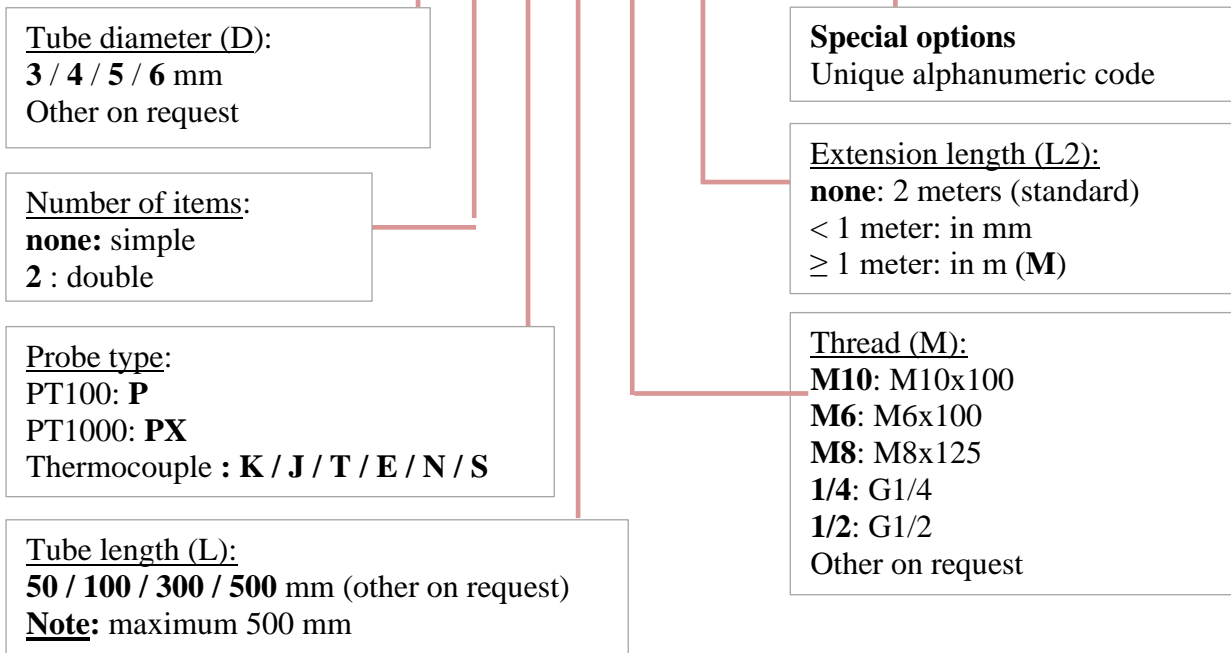


WIRING (thermocouple)

EXTENSION THERMOCOUPLE COLOUR IEC584-3		
<b>K</b>		Green + Green - White
<b>J</b>		Black + Black - White
<b>T</b>		Brown + Brown - White
<b>E</b>		Purple + Purple - White
<b>N</b>		Pink + Pink - White
<b>S</b>		Orange + Orange - White

ORDER INFORMATION

**AVA D N X L M L2 XXX**



- Special options

OPTION	PARAMETERS	
Nature of the sheath	<b>Stainless steel 304 (standard)</b> Stainless steel 316L Other (contact us)	
Nature of the extension	<b>Shielded Teflon (standard)</b> Unshielded Teflon PVC (shielded or unshielded) Silicone (shielded or unshielded) Glass silk (shielded or unshielded)	Temperature: 250°C max Temperature: 250°C max Temperature: 105°C max Temperature: 300°C max Temperature: 480°C max
Connector type	<b>None (standard)</b> Miniature male Miniature female Standard male Standard female Ultra-miniature male Ultra-miniature female  Other type of connector	<b>200°C max (standard)</b> High temperature (350°C max) Ceramic (650°C max)  ( <a href="#">contact us</a> )
PT100/PT1000 Mount	<b>3 wires (standard)</b> 2 wires 4 wires	
Accuracy PT100/PT1000	<b>Class A (standard)</b> Class B Class AA	According to NF EN 60751 standard
Threaded fitting <b>length</b>	<b>50 mm (standard)</b> Other length (contact us)	

- Example: AVA3K50M10
- K type thermocouple
  - Openwork stainless steel tube
  - Diameter 3 mm
  - Length 50 mm
  - Threaded fitting M10x100
  - Length 50 mm
  - Shielded Teflon extension
  - Length 2 m
  - Output bare wires
  - Class 1 according to NF EN 60584-1 standard
  - Color code according to NF EN 60584-3 standard

## CONTACT

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