

# STIN

## APPLICATIONS

# ANALYSIS LTD

### APPLICATIONS

Industrial applications

Steel industry

Food industry

### FEATURES

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

Reliable and accurate measurement with thermocouple element

Stainless steel pocket. Material AISI304 / AISI316

Wide range of cables:

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

Max ambient temperature 90C



Delta Velestino, 375 00 Magnesia, Greece tel. 0030 2425024248

[www.analysis-ltd.com.gr](http://www.analysis-ltd.com.gr)

Version: STIN.1.19-02-17

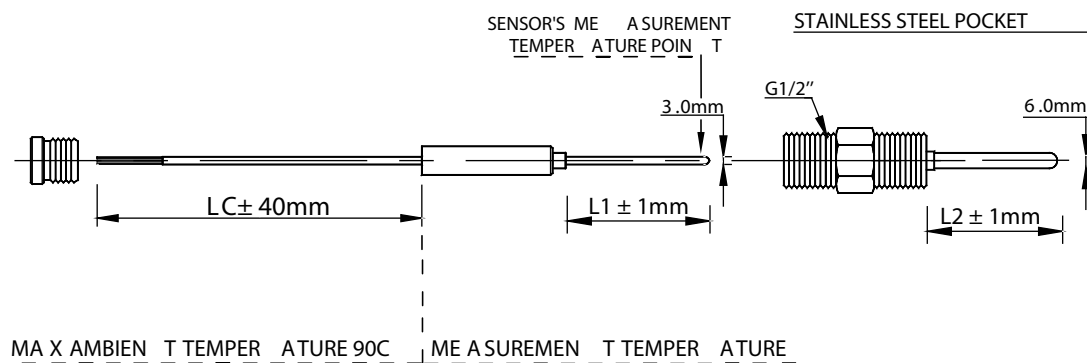
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Analysis Ltd applies a certified ISO: 9001 quality management system.



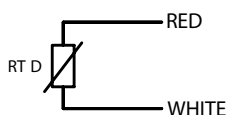
STIN: Temperature sensor with stainless steel pocket



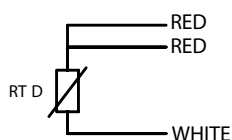


### Thermoresistance. Cable Color code according to DIN EN 60751

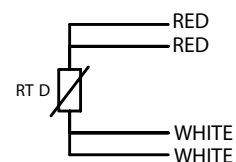
1 x RTD 2 wires



1 x RTD 3 wires

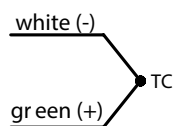


1 x RTD 4 wires

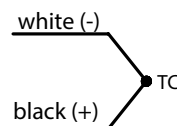


### Thermocouple. Color code according to EN 60584-1

1xK (1xNiCr-NiAl)



1xJ (1xFe-CuNi)



STIN

ORDER CODE



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## ORDER CODE FOR STIN

## 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 |  |  |  |  |  |  |  |  |
| 1xTYPE J (Fe-CuNi) Class 1 EN60584-1   | 1J |  |  |  |  |  |  |  |  |

## TEMPERATURE RANGE

|              |  |   |  |  |  |  |  |  |  |
|--------------|--|---|--|--|--|--|--|--|--|
| -50C to 200C |  | L |  |  |  |  |  |  |  |
| -50C to 700C |  | H |  |  |  |  |  |  |  |

## STAINLESS STEEL POCKET

|     |  |  |   |  |  |  |  |  |  |
|-----|--|--|---|--|--|--|--|--|--|
| YES |  |  | Y |  |  |  |  |  |  |
| NO  |  |  | N |  |  |  |  |  |  |

## MATERIAL OF STAINLESS STEEL POCKET

|          |  |  |  |   |  |  |  |  |  |
|----------|--|--|--|---|--|--|--|--|--|
| AISI 304 |  |  |  | 4 |  |  |  |  |  |
| AISI 316 |  |  |  | 6 |  |  |  |  |  |

## RTD CLASS [For thermoresistance elements]

|              |  |  |  |  |    |  |  |  |  |
|--------------|--|--|--|--|----|--|--|--|--|
| Class B      |  |  |  |  | B  |  |  |  |  |
| Class A      |  |  |  |  | A  |  |  |  |  |
| Class 1/3DIN |  |  |  |  | 13 |  |  |  |  |

## LENGTH L1[mm ±1]

|                                |  |  |  |  |  |     |  |  |  |
|--------------------------------|--|--|--|--|--|-----|--|--|--|
| From 50mm to 300mm             |  |  |  |  |  | --- |  |  |  |
| OTHER LENGTH L1[mm] ON REQUEST |  |  |  |  |  | XXX |  |  |  |

## LENGTH L2[mm ±1] IF POCKET IS NEEDED

|                                |  |  |  |  |  |  |     |  |  |
|--------------------------------|--|--|--|--|--|--|-----|--|--|
| From 50mm to 300mm             |  |  |  |  |  |  | --- |  |  |
| OTHER LENGTH L2[mm] ON REQUEST |  |  |  |  |  |  | XXX |  |  |

## CABLE LENGTH LC[mm ±40]

|                                      |  |  |  |  |  |  |  |     |  |
|--------------------------------------|--|--|--|--|--|--|--|-----|--|
| From 500mm to 10.000mm               |  |  |  |  |  |  |  | --- |  |
| OTHER CABLE LENGTH LC[mm] ON REQUEST |  |  |  |  |  |  |  | XXX |  |

## CABLE MATERIAL

|                                             |  |  |  |  |  |  |  |  |     |
|---------------------------------------------|--|--|--|--|--|--|--|--|-----|
| PTFE/PTFE/Screen (-60C to 260C)             |  |  |  |  |  |  |  |  | PPS |
| Glass Fiber/Glass Fiber/Screen (0C to 400C) |  |  |  |  |  |  |  |  | GF  |
| OTHER CABLE MATERIAL ON REQUEST             |  |  |  |  |  |  |  |  | XXX |

ORDERING EXAMPLE: STIN-2-L-N-B-100-2000-GF

Delta Velestino, 375 00 Magnesia, Greece tel. 0030 2425024248

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