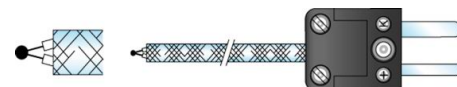


# 80121 Ceramic insulated wire probe up to 1430°C



## General

|                                    |   |
|------------------------------------|---|
| <b>Application</b>                 | High temperature ceramic fibre insulated wire probe   |
| <b>Construction</b>                | Exposed junction sensor   |
| <b>Use</b>                         | For air or gas  |
| <b>Max. temperature insulation</b> | +1430°C   |
| <b>Note</b>                        | At high temperatures, the thermocouple may deviate due to environmental influences, the thermocouple is insulated but not impermeable or gas-tight. |

## Sensor

|   |  |
|---|--|
| <b>Thermocouple</b>                       | Type K                                   |
| <b>Accuracy</b>                           | According IEC 60584-1                    |
| <b>Response time</b>                      | 1 second                                 |
| <b>Wire thickness</b>                     | Each wire 0.8 mm, solid                  |
| <b>Wire length</b>                        | 1000 mm standard, other lengths possible |
| <b>Temperature limits: thermocouple K</b> | +1250°C                                  |

## Sensor

|                            |   |
|----------------------------|---|
| <b>Connector</b>           | Miniature thermocouple connector, flat pins |
| <b>Colour</b>              | Black                                       |
| <b>Insulation material</b> | Ceramic Fibre                               |

## Options

|                         |            |
|-------------------------|------------|
| <b>Connector colour</b> | IEC / ANSI |
|-------------------------|------------|

## Ordering code

\*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model

80121



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