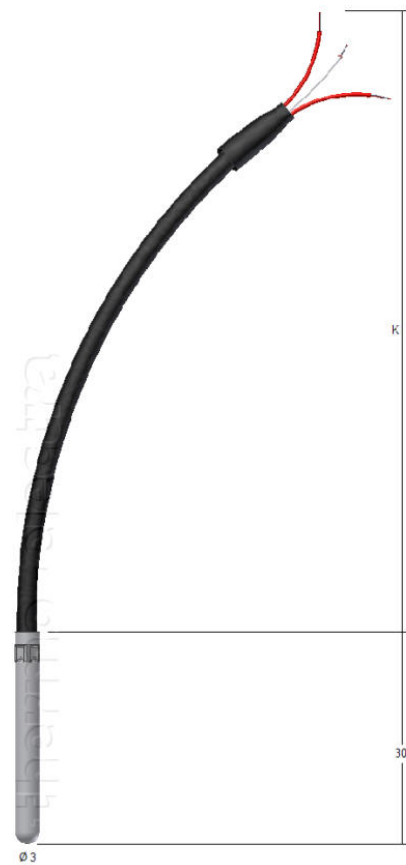


# KE 2081 Miniature resistance thermometer with FEP/PFA cable

| Protectiontube        |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Construction          | Closed-end tube                                                      |
| Material              | SS 316 - (Wst 1.4401) standard, other materials possible             |
| Diameter              | 3.0mm standard, other diameters possible                             |
| Length                | 30mm standard, other lengths possible                                |
| Lead wire             |                                                                      |
|                       | FEP/PFA insulated flexible cable with tinned copper braiding, 240 °C |
| Lead wire Length      | Customer to specify                                                  |
| Sensor                |                                                                      |
|                       | Single or Duplex Pt100                                               |
| Accuracy              | According IEC 60751 Cl. B, A or AA                                   |
| Style / Connection    | 3-wire system standard, 4-wire system optional                       |
| Range                 | Standard -20 / +400°C, optional -220 / +600°C                        |
| Testing               | Tested at 500 Vdc @ 20°C                                             |
| Insulation resistance | Minimum 100Mohm                                                      |



## Ordering code

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

|                             |         |  |  |  |  |  |
|-----------------------------|---------|--|--|--|--|--|
| Model                       | KE 2081 |  |  |  |  |  |
| Sensor (S or D)             |         |  |  |  |  |  |
| Connection 2-, 3- or 4-wire |         |  |  |  |  |  |
| Class B, A or AA            |         |  |  |  |  |  |
| Diameter "D" in mm          |         |  |  |  |  |  |
| Cable length "K" in mm      |         |  |  |  |  |  |

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