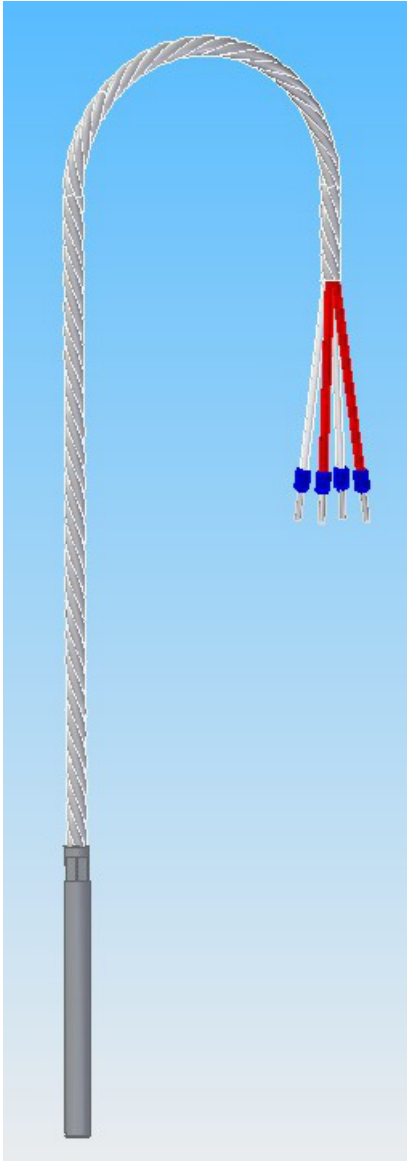


Special cable resistance thermometer
“W-M 50 Ka x”

Design with metal protection sleeve and fixed cable connection



Structure:

Precision resistor single or dual, Type Pt-100 as per IEC 60751 in Tolerance class B or A, connected in 2-, 3- or 4-wire circuit from precision resistor, fit in a metal protection sleeve made of stainless steel material 5 or 6 mm diameter and lengths between 36 and 60 mm; For better thermal coupling, the precision resistors are covered with heat conducting paste.

Extended with PTFE-insulated cable, cable lengths can be selected individually, cable ends with 50 mm stripping and ready-made cable end sleeves, optionally tin plated strands.
 Special feature: IP68

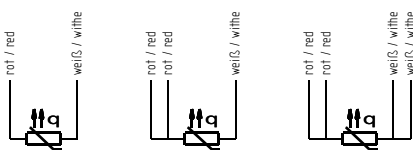
(For variants please refer to the worksheet).

Design of cable resistance thermometer:

Max. temperatures according to DIN for materials:
 Teflon cable 240°C

Pressures, temperatures and flow speeds should be taken into account as per DIN or information in the technical data sheets.

Types of wiring:



Areas of application:

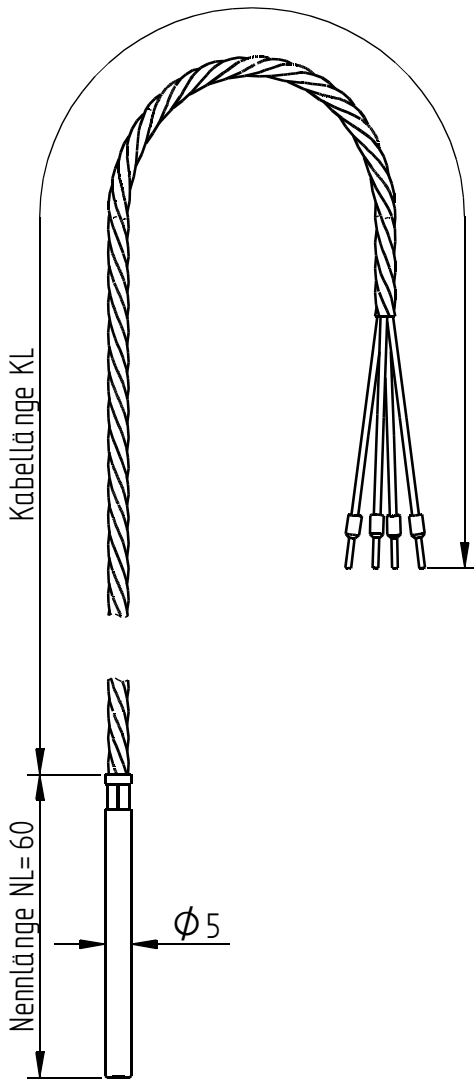
Laboratories
 Pilot plants
 at locations that are difficult to access
 for applications, under excess pressure
 for ground, morass and water measurements
 for pouring in concrete

Special cable resistance thermometer

“W-M 50 Ka x”

Design with metal protection sleeve and fixed cable connection

Pt-100 2-lead Pt-100 3-lead Pt-100 4-lead



Protective tube diameter D: **Protective tube material**

Protective tube diameter D: **Protective tube material:**
 5,0 x 60mm | | 1.4571 (V4A) | |
 6,0 x 60mm | | others _____
 Others _____

Protection class: **Response behaviour:**
 IP 67 | | normal | |
 IP 68 | | quick | |
 Others _____

Connection cable:
 Insulation Silicone | | Teflon | |
 Cross-section 0.22mm² | |
 0.35mm² | |
 0.50mm² | |

Cable ends tin plated | | Cable end sleeves | |
 Others _____

Cable length:
 KL=500mm | | KL=1000mm | | KL=10000mm | |
 Others _____

Temperature load: Measurement point: from | | to | | °C Environment/Connection cable: | | °C

Sensor element:

Pt-100 single | | dual | |
 Pt-1000 single | | dual | |
 Others _____

Tolerance class

Class "A" | | Class "B" | |
 Others _____

Additional specification/ Remarks:

Company :| _____| Your Ref. :| _____|
 Contact person :| _____| Quantity :| _____|
 Street/Place :| _____| Del. time :| _____|
 Email address :| _____| Telephone :| _____|