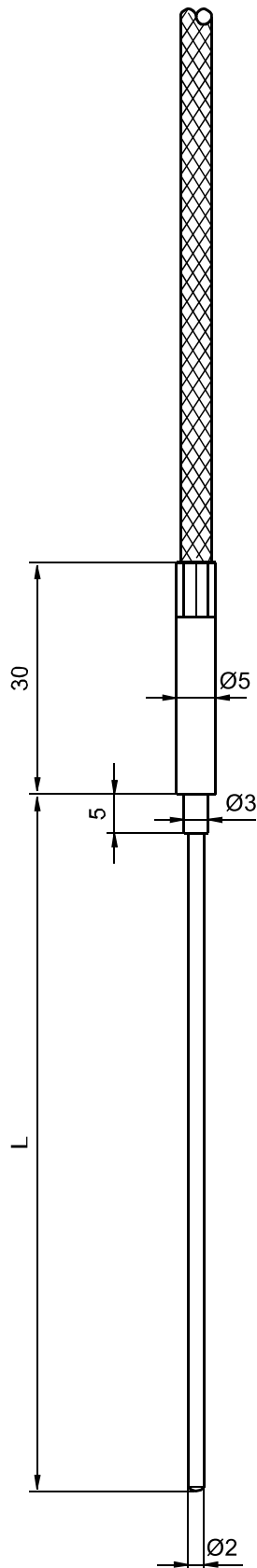


Mineral insulated-Resistance  
Temperature Sensor  
Type : MWDF-2,0



**thermoelectric voltages** : Pt 100  $\Omega$   
at 0°C (DIN EN 60751) Kl. B  
2 x Pt 100  $\Omega$   
at 0°C (DIN EN 60751) Kl. B

(other designs available)

**sensor tip** :  $\varnothing$  2,0 mm / 3,0 mm

**sheath material** : V4A 1.4541  
Inconel 2.4816

**smallest bending radius** : about five times the outer diameter of the sheath

**installation depth** : L to customer

**jacket insulation** : MgO

**operation temperature** : measuring point to 400°C  
transition piece to 200°C

**thermocouple wire** : 2 x 0,35 mm<sup>2</sup>, copper braid  
fiber glass insulation  
and specially impregnated  
wire mesh from soft galvanized  
iron wires

**Other customer preferences are possible**  
**Subject to modifications!**

06/11