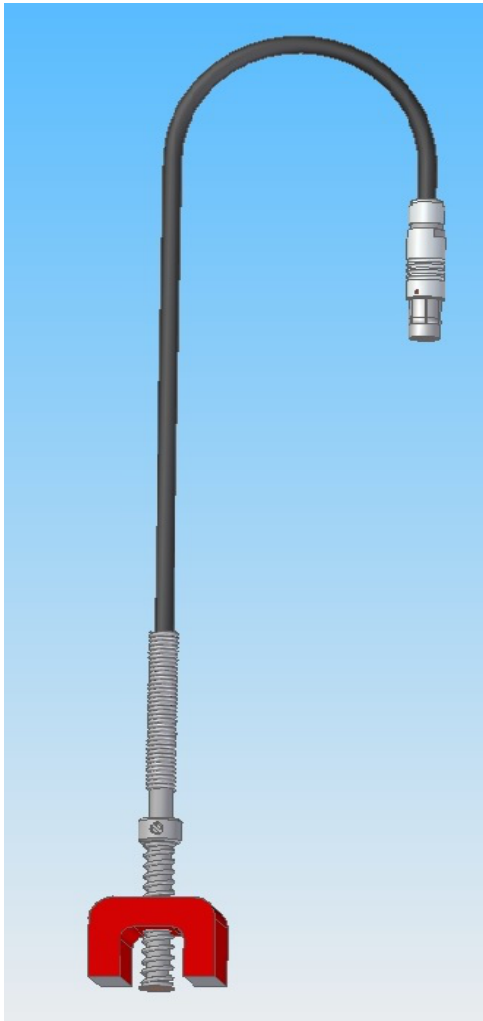


Magnet surface thermocouple with cable

Type "T-Cu 80 Mag FeKa (S)"

Version with surface compression springs and connected compensation cable



Structure:

Thermocouples 1 x Type "J", "K" and "N", Basic values according to DIN EN 60584, Tolerance class 1 or 2, Type "L" according to DIN 43710, Tolerance class 2, contacted on a thermal absorption sheet (disc) of approx. 8 mm diameter and made of copper, spring-mounted and adjustable using adjusting ring, spring device is placed in a powerful U-Magnet with 9 kg traction with the dimensions $W \times L \times H = 30 \times 20 \times 20$ mm and leg width of 7.5 mm, connected anti-kink spring with a length of 40 mm, Subsequent thermoelectric lead with 2×0.22 mm cross-section, insulated individually and together with silicone, cable lengths can be selected individually.

On request, the thermoelectric lead at the end of the lead can be provided with thermal plug or Lemosa plug (coupling); additional type specification (S).

(For variants please refer to the worksheet).

Design of the thermocouples:

Max. temperatures according to DIN for materials:

Silicone cable 180°C

Teflon cable 240°C

Glass silk cable 400°C

U-Magnet 80°C

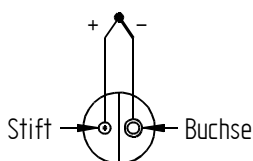
(due to loss of holding power under increased temperature influence)

Temperatures should be taken into account as per DIN or information in the technical data sheets.

The element is welded to the ground or contacted with the ground for quick response behaviour.

Please ask our technical customer service for special versions.

Type of wiring:



Single element

measurements

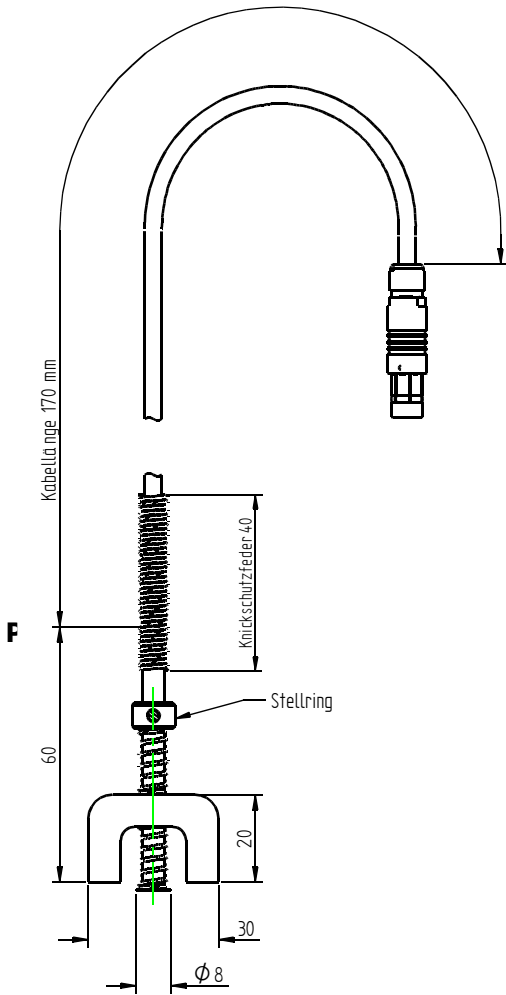
Areas of application:

Surfaces in laboratories,
Pilot plants,
for applications under atmospheric pressure

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Thermoelectric lead:

Insulation Silicone	<input type="checkbox"/>	Shielded	Yes	<input type="checkbox"/>
Teflon	<input type="checkbox"/>		No	<input type="checkbox"/>
Glass silk	<input type="checkbox"/>			

Cable ends tin plated
 Cable end sleeves
 Others _____

Cable length:

KL=170mm KL=500mm KL=1000mm
 Others _____

connection with Lemos a plug

Lemo Gr. 0 Plug Coupling
 Lemo Gr. 1 Plug Coupling

Plug-in connection with thermal plug

Mini plug Coupling
 Standard plug Coupling
 Others _____

Temperature load: Measurement point: from | | to | | °C Environment/Connector head: | | °C

Sheathed - thermocouple:

NiCr-Ni "K"
 Fe-CuNi "J"
 NiCrSi-NiSi "N"
 Fe-CuNi "L"
 Others _____

Tolerance class:

Class "2"
 Class "1"
 others _____

Additional specification/ Remarks:

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