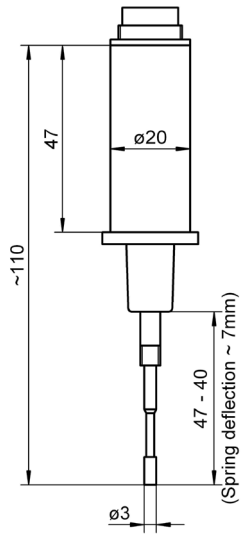
Insertable sensor NiCr-Ni with round mounting plug T 820-6



Operative range:

Measuring tip, spring-loaded, for surface and immersion measurement.

Accessories:

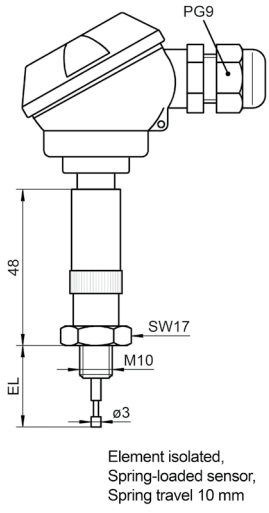
ALMEMO® connecting cable, 2 meters Order no. ZA9020BK2

Technical data

Accuracy:	NiCr-Ni class 2*
Measuring tip:	Operative range -40 to +400 °C Silver rivet, level, spring-loaded not electrically isolated
T_{90}*:	3 s
Insert length:	60 mm (see layout drawing)
Fixture:	Plastic, Ø 20 mm, resistant up to +120 °C
Connection:	Round mounting plug

Types	Order no.
Insertable sensor NiCr-Ni with round mounting plug	**FT98206**

Insertable sensor NiCr-Ni with terminal head FT 0477



Element isolated,
Spring-loaded sensor,
Spring travel 10 mm

Operative range:

Spring-loaded measuring tip, for surface and immersion measurement

Options:

3-meter compensation line PVC, mounted, free ends:
Order no. OT9020K02L0030

ALMEMO® plug including assembly for NiCr-Ni-sensor
Order no. OT9020AS

Technical data:

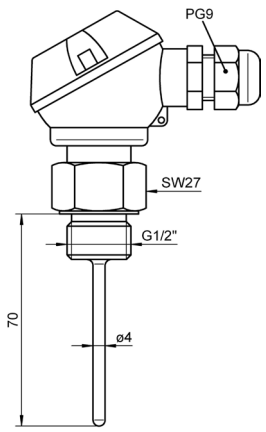
Accuracy:	NiCr-Ni class 2*
Measuring tip:	Operative range -40 to +400 °C Silver rivet, level, spring-loaded, electronically isolated
Thread:	M10
Insert length:	25 mm (see layout drawing)
Terminal head:	Clamp connector

Types	Order no.
Screw-in sensor NiCr-Ni with terminal head	**FT0477**

* Range of validity see beginning of chapter

DAkkS accredited calibration or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device), see chapter „Calibration certificates“. DAkkS accredited calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.

Insertable sensor Pt100 with terminal head FP 0463



Operative range:

For immersion measurements, pressure-sealed up to 15 bar.

Options:

3 meters cable PVC, assembled, free ends
OT9030K02L0030

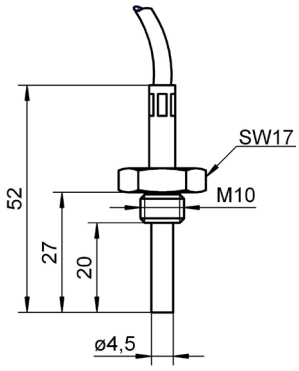
ALMEMO® connector including assembly for Pt100 sensor
OT9030AS

Technical data

Accuracy:	Pt100 film resistor, class B*
Sensor tube:	Stainless steel
Operative range:	-40...+350 °C
Thread:	1/2”, with copper ring seal, pressure-sealed up to 15 bar
Insert length:	70 mm (see layout drawing)
Terminal head:	Clamp connector

Variants	Order no.
Insertable sensor with terminal head	**FP0463**

Screw-in sensor Pt100, NiCr-Ni with fitted cable Fx 0710 L27M10



Operative range:

For immersion measurement

Option:

ALMEMO® connector including assembly for Pt100 sensors:
Order no. OT9030AS

Technical data FP0710L27M10

Accuracy:	Pt100 film resistor, class B*
Sensor material:	stainless steel
Operative range:	-40 to +200 °C
Thread:	M10
Insert length:	27 mm (see layout drawing)
Cable:	3 meters, FEP / wire shielding, / FEP free ends

Variants	Order no.
Screw-in sensor Pt100 with cable, free ends	**FP0710L27M10**
Option cable length 5 meters	**OPK04L0050**

Technical data FT0710L27M10

Accuracy:	NiCr-Ni class 2*
Sensor material:	stainless steel
Operative range:	-100 to +400 °C
Thread:	M10
Insert length:	27 mm (see layout drawing)
Cable:	3 meters, thermal line glass filament / glass filament / VA wire shielding, free ends

Option:

ALMEMO® connector including assembly NiCr-Ni sensor:
Order no. OT9020AS

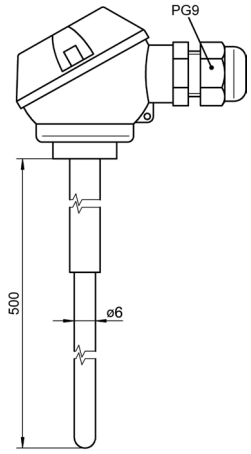
Variants	Order no.
Screw-in sensor NiCr-Ni with cable, free ends	**FT0710L27M10**
Option cable length 5 meters	**OTK06L0050**

* Range of validity see beginning of chapter

DAkkS accredited calibration or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device), see chapter „Calibration certificates“. DAkkS accredited calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.

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Insertable sensor PtRh-Pt (S) with terminal head FT 0426x



Operative range:

For immersion measurements, up to 1400 or 1600 °C.

Accessories

Aluminum profile case for 1 sensor with connection head (up to 700 mm length)
Order no. ZB9000TK2

Replacement ceramic protection tube d = 6 mm, for FT0426x
Order no. ZB9006SR0500

Options

ALMEMO® connector with assembly Order no. OT9020AS

Technical data

Accuracy:	Thermowire PtRh-Pt (S) class 1*
Measuring tip:	Ceramic protection tube
Operative range:	see under variants
Insert length:	500 mm
Protective tube:	Ceramic, C799, d= 6 mm, replaceable
Cable:	2-meter compensation line FEP/Silicone, free ends

Variants	**Order no.**
Insertable sensor PtRh-Pt type S with terminal head and compensation lines, free ends)	
T_{max} = 1400 °C, thermowire Ø = 0.35 mm,	**FT04261**
T_{max} = 1600 °C, thermowire Ø = 0.5 mm,	**FT04262**

* Range of validity see beginning of chapter

DAkkS accredited calibration or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device), see chapter „Calibration certificates“. DAkkS accredited calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.

11/2025 • We reserve the right to make technical changes.