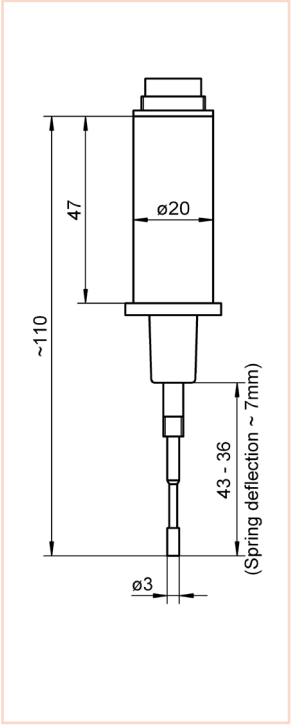
Insertable sensor NiCr-Ni with round mounting plug T 820-6



Operative range:

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

Technical data

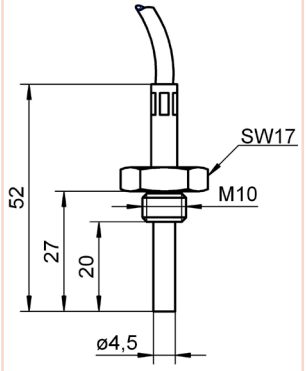
Measuring element	NiCr-Ni class 2*
Measuring tip	Operative range -40 to +400 °C Silver rivet, level, spring-loaded not electrically isolated
T_{90} *	3 s
Insert length	60 mm (see layout drawing)
Fixture	Plastic, Ø 20 mm, resistant up to +120 °C
Connection	Round mounting plug

Accessories:

ALMEMO® connecting cable, 2 meters Order no. ZA9020BK2

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

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



Operative range:

For immersion measurement

Technical data

Meas. element:	see under variants
Sensor materials	Stainless steel
Operative range	see under variants
Thread	M10
Insert length	27 mm (see layout drawing)
Cable	3 meters, free ends see under variants

Options:

ALMEMO® connector, including assembly, for NiCr-Ni sensors
Order no. OT9020AS

For Pt100 sensors
Order no. OT9030AS

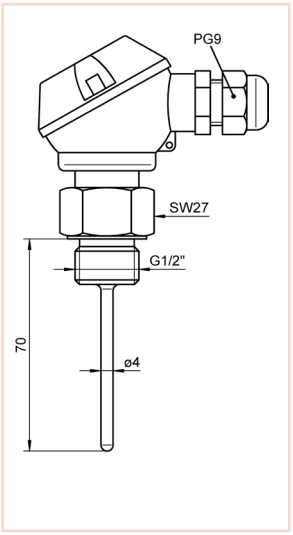
For NTC sensors
Order no. OT9040AS

Variants	Order no.
Screw-fit sensor, with cable, free ends	
NiCr-Ni class 2*, -100 to +400 °C Thermal line Glass filament / glass filament / VA wire shielding	**FT0710L27M10**
Option Cable length 5 meters	**OTK06L0050**
Pt100 class B* -40 to +200 °C Cable FEP / silicone Cable juncture, in shrink-fit	**FP0710L27M10**
Option Cable length 5 meters	**OPK01L0050**
NTC*, -20 to +100 °C Cable, PVC, Cable juncture, in shrink-fit	**FN0710L27M10**
Option Cable length 5 meters	**OPK02L0050**

* For general technical data, see page 07.03

DAkkS / DKD or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device) (see chapter Calibration certificates)

Einbausensor Pt100 mit Anschlußkopf FP 0463



Operative range:

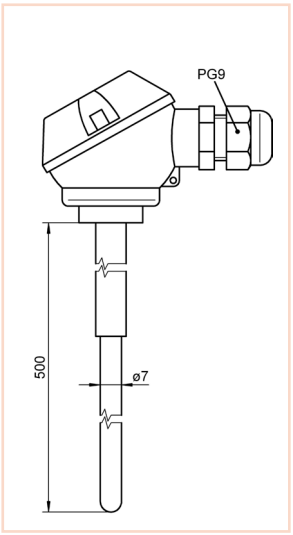
For immersion measurements, pressure-sealed up to 15 bar.

Technical data

Meas. element:	Pt100, 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.**
(on request with cable and ALMEMO® connector)	
Insertable sensor with terminal head	
Pt100, Class B*	**FP0463**

Insertable sensor PtRh-Pt (S) with terminal head FT 0425



Operative range:

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

Accessories

Ceramic protective tube for T04251 Order no. ZB9425SR1

Ceramic protective tube for FT04252 Order no. ZB9425SR2

Options

ALMEMO® connector with assembly Order no. OT9020AS

Technical data

Measuring element	Thermowire PtRh-Pt (S) see under variants
Measuring tip	Ceramic tube see under variants
Operative range	see under variants
Insert length	500 mm
Protective tube	Ceramic, replaceable, 7 x 1 mm
Cable	2-meter compensation line silicone insulation, free ends

Variants	**Order no.**
(including 2-meter compensation line)	
PtRh-Pt(S), T_{max} = 1400°C, element-Ø = 0.35 mm, ceramic 610	**FT04251**
PtRh-Pt(S), T_{max} = 1600°C, element-Ø = 0.5 mm, ceramic 710	**FT04252**

* For general technical data, see page 07.03

10/2013 • We reserve the right to make technical changes.

DAkkS / DKD or factory calibration KT90xx temperature for sensor or measuring chain (sensor + device) (see chapter Calibration certificates)