

Цифровые измерительные приборы WT-MI-303, WT-MI-303-HG, WT-GL-3/6-303, WT-K-6, TE-MI-303-HG

Технические характеристики

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THERMOCOUPLES FOR PHYSICS - DIGITAL MEASURING DEVICES

SUITABLE TO PHYSICS MEASUREMENT DEVICES



Pt100 RESISTANCE THERMOMETER TO IMMERSE

Assembly: WT-MI-303

General Specifications

Immersion resistance thermometer Pt100, acc. to DIN EN 60751 class A or AA, 4-wire connection, with sheathed cable made of stainless steel, compensating line fix connected through transition casing made of stainless steel, teflon/silicone insulated, cable length: 2 m, cable outlet secured by means of heat-shrink tubing.

PLUG PHYSICS RESOLUTION 0.01 °C (CLASS A)

Sheat Ø	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
3 mm	150 mm	-50 °C to +200 °C	x	x		70133
3 mm	300 mm	-90 °C to +350 °C	x	x		70136
3 mm	400 mm	-90 °C to +350 °C	x	x		70139
4 mm	150 mm	-50 °C to +200 °C	x	x		70127
4 mm	300 mm	-90 °C to +350 °C	x	x		70112
4 mm	400 mm	-90 °C to +350 °C	x	x		70130

PLUG PHYSICS RESOLUTION 0.001 °C (CLASS AA)

Sheat Ø	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
3 mm	250 mm	-50 °C to +250 °C			x	70969



Pt100 RESISTANCE THERMOMETER TO IMMERSE OR INSERT WITH HANDLE

Assembly: WT-MI-303-HG

General Specifications

Resistance thermometer Pt100, acc. to DIN EN 60751 class A, 4-wire connection, with sheathed cable made of stainless steel, compensating line fix connected through handle made of plastic, teflon/silicone insulated, cable length: 2 m, cable outlet secured by means of bend protection.

TO IMMERSE

With plug PHYSICS resolution 0.01 °C (class A)

Sheat Ø	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
3 mm	150 mm	-50 °C to +200 °C	x	x		70094
3 mm	250 mm	-90 °C to +350 °C	x	x		59954
3 mm	300 mm	-90 °C to +350 °C	x	x		70097
3 mm	400 mm	-90 °C to +350 °C	x	x		70100
4 mm	150 mm	-50 °C to +200 °C	x	x		70103
4 mm	300 mm	-90 °C to +350 °C	x	x		70106
4 mm	400 mm	-90 °C to +350 °C	x	x		70109

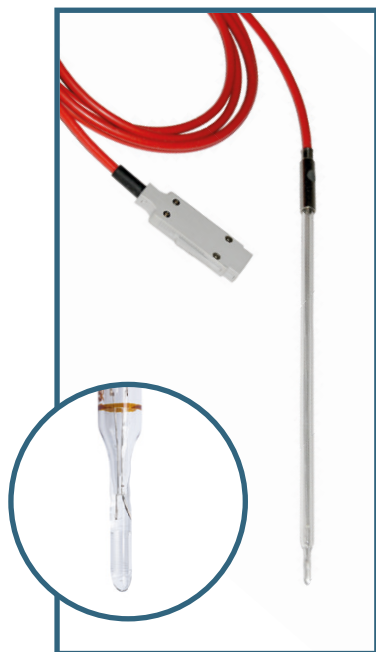
TO INSERT

With plug PHYSICS resolution 0.001 °C (Class AA)

Sheat Ø	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
4 mm	150 mm	-50 °C to +200 °C	x	x		59966

THERMOCOUPLES FOR PHYSICS - DIGITAL MEASURING DEVICES

SUITABLE TO PHYSICS MEASUREMENT DEVICES



Pt100 RESISTANCE THERMOMETER OF GLASS (N16B)

Assembly: WT-GL-3/6-303

General Specifications

Labor resistance thermometer of glass Pt100, acc. to DIN EN 60751 class A, 4-wire connection, with glass shaft $\varnothing$ 6 mm, narrowed at sensor to $\varnothing$ 3 mm, compensating line fix connected through transition casing made of stainless steel, teflon/silicone insulated, cable length: 2 m, cable outlet secured by means of heat-shrink tubing.

PLUG PHYSICS RESOLUTION 0.01 °C (CLASS A)

Glass shaft $\varnothing$	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
3/6 mm	150 mm	-50 °C to +250 °C	x	x		70148
3/6 mm	200 mm	-50 °C to +250 °C	x	x		70152
3/6 mm	250 mm	-50 °C to +250 °C	x	x		70145*
3/6 mm	300 mm	-50 °C to +250 °C	x	x		70155
3/6 mm	350 mm	-50 °C to +250 °C	x	x		70158

PLUG PHYSICS RESOLUTION 0.001 °C (CLASS AA)

Glass shaft $\varnothing$	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
3/6 mm	250 mm	-50 °C to +250 °C			x	67056*

* With ring marks on the glass shaft according to the immersion depths of standardized precision glass thermometers.



Pt100 RESISTANCE THERMOMETER PTFE COATED

Assembly: WT-K-6

General Specifications

Cable resistance thermometer Pt100, acc. to DIN EN 60751 class A, 4-wire connection, compensating line directly connected with protective conduit made of stainless steel, VA-wire netting/teflon insulated, cable length: 2 m, with PTFE coating from measuring tip to +20 mm connection cable.

WITH PLUG PHYSICS RESOLUTION 0.01 °C (CLASS A)

Protective conduit $\varnothing$	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
6 mm	70 mm	-50 °C to +200 °C	x	x		70171
6 mm	100 mm	-50 °C to +200 °C	x	x		70175
6 mm	150 mm	-50 °C to +200 °C	x	x		70178
6 mm	200 mm	-50 °C to +200 °C	x	x		70181



Pt100 RESISTANCE THERMOMETER FOR SURFACES

General Specifications

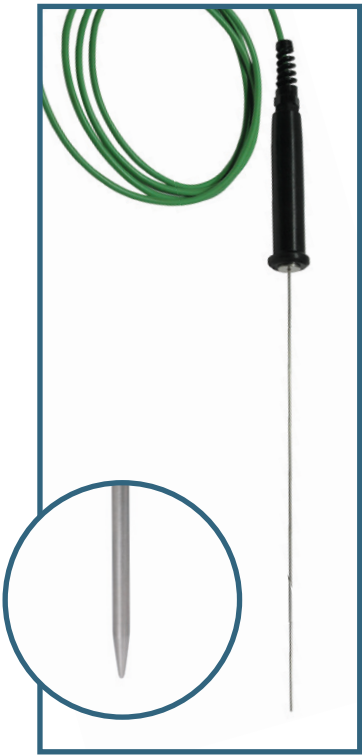
Surface resistance thermometer Pt100, acc. to DIN EN 60751 class A, 4-wire connection, compensating line fix connected through handle made of plastic, PVC insulated, cable length: 2 m.

PLUG PHYSICS RESOLUTION 0.01 °C (CLASS A)

Contact surface $\varnothing$	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
9 mm	150 mm	-100 °C to +130 °C	x	x		71099

THERMOCOUPLES FOR PHYSICS – DIGITAL MEASURING DEVICES

SUITABLE TO PHYSICS MEASUREMENT DEVICES



THERMOCOUPLE TO IMMERSE OR INSERT WITH HANDLE TYPE K (NICR NI) Assembly: TE-MI-303-HG,

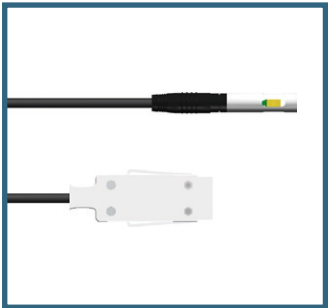
General Specifications
Thermocouple with handle type K NiCr-Ni, acc. to DIN EN 60584 class 2, made of Inconel, compensating line fix connected through handle made of plastic, teflon/silicone insulated, cable length: 2 m, cable out-let secured by means of bend protection.

TO IMMERSE
plug Physics resolution 0.1 °C (class 2)

Sheat Ø	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
1,5 mm	250 mm	-100 °C to +400 °C	x	x		59961
3 mm	250 mm	-100 °C to +400 °C	x	x		59962

TO INSERT (WITH INSERTION TIP)
plug Physics resolution 0.1 °C (class 2)

Sheat Ø	Nominal length	Range of application	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
3 mm	150 mm	-50 °C to +200 °C	x	x		59963



HUMIDITY PROBE, DIGITAL, WITH AIR PRESSURE MEASURING

General Specifications
Digital humidity probe with air pressure measuring for temperature, humidity and air pressure. With plugable, digital sensor element in slotted sensor cap. All sensor characteristic and adjustment data are stored on the data storage medium of the sensor module itself.
Measuring range: 5 to 98 % r.H. / -20 °C to +60 °C, 700 to 1 100 mbar, not condensing

Diameter	Cable length	PHYSICS 100	PHYSICS 300	PHYSICS 1000	Order-No.
9 x 65 mm	2000 mm	x	x		63953



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