

## Pt-100 ohm Temperature sensors

MODEL	CONSRUCTION	PRODUCT DESCRIPTION
PT-100-VE		<b>RESISTANCE ELEMENT</b> -meas. range -20...+85 °C -teflon insulated cable, lenght 200 mm
PT-101 PT-101H		<b>CAPSULE SENSOR</b> -meas. range -20 ... +85 °C, L = 70 mm -2m connection lead (rubber)  -meas. range -65 ... +180 °C, L = 70 mm -2m connection lead (SIHF-silicone)
LO-1		<b>SURFACE SECURING PIECE</b> For securing sensors to surfaces or pipes for temperature measurement (screw or band fixing)
PT-102		<b>ROOM SENSOR</b> - Air temperature measurement in dry conditions, plastic protection and connection box -meas. range -60 ... +85 °C
PT-103		<b>WATERPROOF AIR SENSOR</b> -for measurement of air temperatures outside and in damp conditions (e.g. stores and greenhouses). -aluminium alloy connection box with the measurement element at the end of the acid resistant enclosure -meas. range -60 ...+120 °C, L= 100 mm
PT-104-L  PT-104- 150 PT-104- 250 PT-104H-150 PT-104H-250		<b>DUCT SENSOR</b> -for the measurement of air and gas temperatures in ducts -both the enclosure tube and the fixing flange are of acid resistant steel -the aluminium alloy connection box is class IP67 and cable lead through PG11.  -meas. range -60...+180 °C, L =150 mm -meas. range -60...+180 °C, L =250 mm -meas. range -200..+500 °C, L= 150 mm -meas. range -200..+500 °C, L= 250 mm

MODEL	CONSRUCTION	PRODUCT DESCRIPTION
<b>PT-105-L</b>  <b>PT-105-100</b> <b>PT-105-150</b> <b>PT-105H-150</b>		<b>WATER SENSOR</b> -for temperature measurements of liquids and gases in pipes and tanks -the material of the enclosure tube and the threaded connector are of acid resistant steel -the aluminium connection box is class IP 67, and the cable lead through PG 11 -meas. range -60...+180 °C, L = 100 mm -meas. range -60...+180 °C, L = 150 mm -meas. range -200...+500 °C, L = 150 mm
<b>LO-3-L</b>  <b>LO-3-100</b> <b>LO-3-150</b>		<b>PROTECTION TUBE</b> -a separate protection tube for water and other sensors -the tube and the connector are of acid resistant steel  L = 100 mm L = 150 mm
<b>LPT-105</b>		<b>BEARING TEMPERATURE SENSOR</b> -for bearing temperature measurements -brass tube with 2 m silicone conn. lead -meas. range -60 ... +180 °C, L = 20 mm
<b>PT-106</b>		<b>PROBE SENSOR</b> -for immersed measurements in liquids and solids -the enclosure tube is of acid resistant steel which has a 2 m rubber lead -meas. range -200 ...+450 °C, L= 100 mm
<b>PT-107</b>		<b>SURFACE SENSOR</b> -for surface measurements on solid materials, equipped with a 3 m silicone connection lead -meas. range -50 ... +200 °C
<b>PT-108</b>		<b>THREADED SENSOR</b> -metal piece for surface temperature measurements, equipped with a 3 m silicone connection lead -meas. range -50 ... +200 °C
<b>ON SEPARATE ORDER:</b> -Sensors equipped with A-class or 1/3 x DIN elements, double sensors 2 x Pt-100 ohm, different enclosure tube length and construction, sensors equipped with transmitter box		