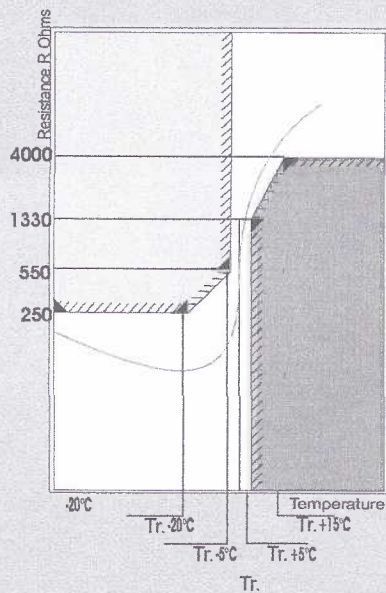


STRUCTURE

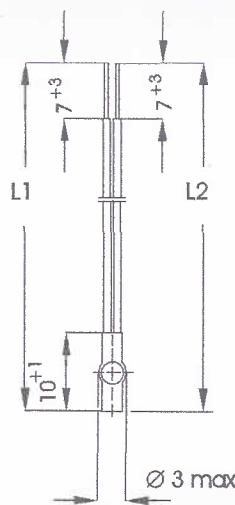
Characteristics according to DIN 44081 or 44082. Miniature & standard design, 3 & 4 mm because of the small thermal mass. Robust construction. Cold resistance < 250 Ohm, other values upon request.

TEMPERATURE-RESISTANCE DIAGRAM ACCORDING TO DIN 44081/44082



COLOUR CODING

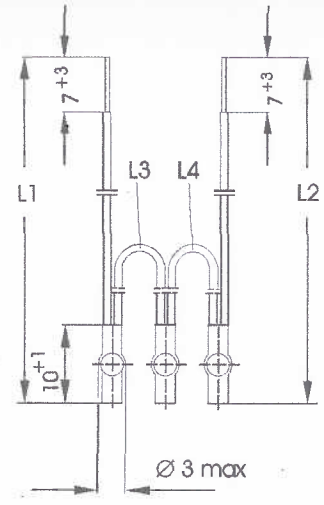
Class of Insulation	Sub.	Sub.	Sub.	A	E	E	B	B	F	F	F	F	H	H	On. req.	On. req.
Nominal Response Temperature NAT [C]	60	70	80	90	100	110	120	130	140	145	150	155	160	170	180	190
Colour codes of leads	white gray	white brown	white white	green green	red red	brown brown	gray gray	blue blue	white blue	white black	black black	blue black	blue red	white green	white red	orange black



Single Thermistor with Nomex Mylar/Kyner shrink sleeve.

L1 = 500 mm L2 = 500 mm L3 = 185 mm L4 = 185 mm

Customized lead lengths also available



Triplex Thermistor with Nomex Mylar/Kyner shrink sleeve

MAIN CHARACTERISTICS

Nominal response temperature
Tr. = 60°C upto 190°C
in steps of 10°C
also available 115°C, 145°C and 155°C

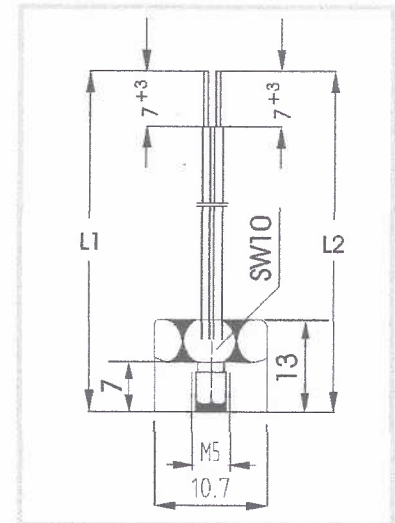
Characteristics values	Values	Measurement voltage (DC)
Resistance in the temperature range -20°C upto Tr. -20°C	20 to 250 Ω	≤ 2.5V
Resistance at Tr. -5°C	≤ 550 Ω	≤ 2.5V
Resistance at Tr. +5°C	≥ 1330 Ω	≤ 2.5V
Resistance at Tr. +15°C	≥ 4000 Ω	≤ 7.5V pulsed

Maximum Operating Voltage: $U_{max} = 30V$ DC

High voltage insulation $U_{ms} = 2.5$ KV

Thermal response time according to

DIN 44081 or 44082



Mount - on Sensor

in isolated brass/aluminium housing with M5 tapping.