



# PROBES

## TEMPERATURE PROBES

### NTC PROBES







The probes with NTC thermistor are designed for applications where high accuracy and the short response time are important. The probes pass several tests, this is why we guarantee a very high reliability.

PROBE	DESCRIPTION	CABLE	TEMP. RANGE	
NS6	General purpose, resinated, IP67, inox steel cap "dimension Ø6x30mm"	PVC 1.5m – 3.0m	-30-80°C -22-176°F	
NS6W	General purpose, resinated, IP67, with 6,3mm faston, inox steel cap "dimension Ø6x30mm", for WING K	PVC 1.5m – 3.0m	-30-80°C -22-176°F	
NS6S	General purpose, resinated, IP67, inox steel cap "dimension Ø6x30mm"	Silicone 1.5m – 3.0m	-40-110°C -40-230°F	
NS6SJ	General purpose, resinated, IP67, 2 pole connector, inox steel cap "dimension Ø6x30mm"	Silicone 1.5m – 3.0m	-40-110°C -40-230°F	
NS6SW	General purpose, resinated, IP67, with 6,3mm faston, inox steel cap "dimension Ø6x30mm", for WING K	Silicone 1.5m – 3.0m	-40-110°C -40-230°F	
NG6	General purpose, over-molded, IP67, thermoplastic cap "dimension Ø6x15mm"	Thermoplastic 1.5m – 3.0m	-40-110°C -40-230°F	
NG6F	General purpose, over-molded, IP67, with 2,8mm faston, thermoplastic cap "dimension Ø6x15mm", for XT11S 12Vac and 24Vac/dc	Thermoplastic 1.5m – 3.0m	-40-110°C -40-230°F	
NG6W	General purpose, over-molded, IP67, with 6,3mm faston, thermoplastic cap "dimension Ø6x15mm", for WING K	Thermoplastic 1.5m – 3.0m	-40-110°C -40-230°F	
NG6K	General purpose, over-molded, IP68, Hot Key connector, thermoplastic cap "dimension Ø6x15mm"	Thermoplastic 1.5m – 3.0m	-40-110°C -40-230°F	

<b>NG6P</b>	General purpose, over-molded, IP68, cap "dimension Ø5x20mm"	Thermoplastic 1.5m - 3.0m	-40-110°C -40-230°F	
<b>NG6PJ</b>	General purpose, over-molded, 2 pole connector, cap "dimension Ø5x20mm"			
<b>NX6P</b>	Thermoplastic, IP68, inox steel cap "dimension Ø6x20mm"	Thermoplastic 1.5m - 3.0m	-40-110°C -40-230°F	
<b>NX6PJ</b>	Thermoplastic, IP68, 2 pole connector, inox steel cap "dimension Ø6x20mm"			
<b>NY6P</b>	Thermoplastic, IP68, inox steel cap "dimension Ø6x50mm"	Thermoplastic 1.5m - 3.0m	-40-110°C -40-230°F	
<b>NY6PJ</b>	Thermoplastic, IP68, 2 pole connector, inox steel cap "dimension Ø6x50mm"			
<b>NP4-67</b>	Pipemount fitting "Ø4-Ø30mm in diameter", IP67, over-molded, copper sensor	Thermoplastic 1.5m - 3.0m	-40-110°C -40-230°F	
<b>NT6-67</b>	Pipemount fitting "Ø4-Ø30mm in diameter", IP67, over-molded, thermoplastic sensor			
<b>NT6</b>	Pipemount fitting	PVC 1.5/2.0m	0-80°C 32-176°F	
<b>N6F2</b>	General purpose, resinated, IP67, with 2.8mm faston, double insulation, nylon cap "dimension Ø7x30mm", for XT11S 230Vac	PVC 1.5/2.0m	-30-105°C -22-221°F	

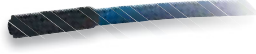

## PTC PROBES

The probes with PTC thermistor are designed for both cooling and heating applications. The temperature range is -50-150°C (-58-302°F).

PROBE	DESCRIPTION	CABLE	TEMP. RANGE	
<b>S6</b>	General purpose, resinated, IP67, inox steel cap "dimension Ø6x30mm"	PVC 1.5m - 3.0m	-30-80°C -22-176°F	
<b>S6.R</b>	Water proof, resinated, IP67, inox steel cap "dimension Ø6x40mm"	PVC 1.5m - 3.0m	-30-80°C -22-176°F	
<b>S6.S</b>	Water proof, resinated, inox steel cap "dimension Ø6x40mm"	Silicone 1.5m - 3.0m	-50-120°C -58-248°F	
<b>S6.SH</b>	Heating applications, inox steel cap "dimension Ø6x40mm"	Silicone 1.5m - 3.0m	-50-150°C -58-302°F	
<b>SA6</b>	Perforated for air, inox steel cap "dimension Ø6x30mm"	PVC 1.5m - 3.0m	0-80°C 32-176°F	
<b>ST6</b>	Pipemount fitting	PVC 1.5m - 3.0m	0-80°C 32-176°F	
<b>SC5.5</b>	Probe fixed with threaded male, inox steel cap "dimension Ø6x80mm"	PVC 1.5m - 3.0m	-30-80°C -22-176°F	


## Pt1000 PROBES

Pt1000 probes are suitable for all applications where the temperature is between -50-120°C (-58-248°F) and it is important to maintain precision over long distances.

PROBE	DESCRIPTION	CABLE	TEMP. RANGE	
PMG5P	Thermoplastic, resinated, IP68, cap "dimension Ø5x20mm"	Thermoplastic 1.5m - 3.0m	-50-110°C -58-230°F	
PMP4-67	Pipemount fitting "Ø4-Ø30mm in diameter", IP67, over-molded, copper sensor	Thermoplastic 1.5m - 3.0m	-50-110°C -58-230°F	
PMT6-67	Pipemount fitting "Ø4-Ø30mm in diameter", IP67, over-molded, thermoplastic sensor	Thermoplastic 1.5m	-50-120°C -58-248°F	




## PRODUCT PROBE NTC/Pt1000

The product probes with NTC or Pt1000 sensors allow the simulation and display of product temperature and manage alarms according to the temperature near the product and not the air around it. Thanks to the magnets, these probes are particularly suitable for use on shelves.

PROBE	DESCRIPTION	CABLE	TEMP. RANGE	
NGPOP	NTC sensor, thermoplastic, IP68, 100x100mm	Thermoplastic 5m	-40-110°C -40-230°F	
PMGPOP	Pt1000 sensor, thermoplastic, IP68, 100x100mm	Thermoplastic 5m	-50-120°C -58-248°F	





## PTC/NTC INSERT PROBES

The insert probes with PTC or NTC sensor are suitable for applications where it is important to know the core temperature of goods. They are generally used together with cooking oven or blast chiller controllers.

PROBE	DESCRIPTION	CABLE	TEMP. RANGE	
SPC10PS	PTC sensor, plastic handle, inox steel cap "dimension Ø3.5x100mm"	Silicone 3m	-38-80°C -36-176°F	
NPC10PS	NTC sensor, plastic handle, inox steel cap "dimension Ø3.5x100mm"	Silicone 3m	-30-80°C -86-176°F	
SPC10IS	PTC sensor, plastic handle, inox steel cap "dimension Ø3.5x100mm"	Silicone 3m	-50-120°C -58-248°F	
NPC10IS	NTC sensor, plastic handle, inox steel cap "dimension Ø3.5x100mm"	Silicone 3m	-50-120°C -58-248°F	
SPC10IA	PTC sensor, plastic handle, inox steel cap "dimension Ø3.5x100mm"	Silicone for use with food 3m	-50-120°C -58-248°F	
NPC10IA	NTC sensor, plastic handle, inox steel cap "dimension Ø3.5x100mm"	Silicone for use with food 3m	-50-120°C -58-248°F	

## Pt100 THERMORESISTORS

Thermoresistance (RTD) probes are suitable when a high precision and low response time is necessary. The operating range of the Pt100 sensor is from -70-500°C (-94-932°F), the precision is according to standard IEC751.

PROBE	DESCRIPTION	CABLE	TEMP. RANGE	
PT6	General purpose, 3 wires, inox steel cap "dimension Ø6x100mm"	PVC 2m	-30-105°C -22-221°F	
PT6.S	Protected, 3 wires, inox steel cap "dimension Ø6x100mm"	Silicone 2m	-60-200°C -76-392°F	
PT6.F	Protected, 3 wires, inox steel cap "dimension Ø6x100mm"	Vetrotex 2m	-60-350°C -76-662°F	
PT310	Compact, with male connection, 2 wires, inox steel cap "dimension Ø3x100mm"	Silicone 2m	-70-500°C -94-932°F	
PT315	Compact, with male connection, 2 wires, inox steel cap "dimension Ø3x150mm"	Silicone 2m	-70-500°C -94-932°F	

## TC THERMOCOUPLES

Thermocouple (TC) probes are suitable when a short response time and high shock resistance are necessary. The operating range of the TCJ sensor is from 0-600°C (32-1112°F) and the range of the TCK is from 0-1150°C (32-2102°F), the precision is according to standard IEC584-2.

PROBE	DESCRIPTION	TEMP. RANGE	
TJ6	General purpose, protected, Fe-CO, cap "dimension Ø6x100mm", 2.0/3.0m vetrotex cable	0-350°C 32-662°F	
TK6	General purpose, protected, Cr-Al, cap "dimension Ø6x100mm", 2.0/3.0m vetrotex cable	0-350°C 32-662°F	
TJD215	DIN connector, Fe-CO, cap "dimension Ø2x150mm"	0-600°C 32-1112°F	
TJD320	DIN connector, Fe-CO, cap "dimension Ø3x200mm"	0-600°C 32-1112°F	
TKD215	DIN connector, Cr-Al, cap "dimension Ø2x150mm"	0-1150°C 32-2102°F	
TKD320	DIN connector, Cr-Al, cap "dimension Ø3x200mm"	0-1150°C 32-2102°F	
CMJ	Compensating female connector, Fe-CO, for TJD215 and TJD320	-40-200°C -40-392°F	
CMK	Compensating female connector, Cr-Al, for TKD215 and TKD320	-40-200°C -40-392°F	