



CABLE TEMPERATURE SENSORS

APPLICATION

Cable sensors are used in heating, cooling and air-conditioning systems for room and industrial applications. Connected to regulators, they give the possibility to measure and to control the temperature in different room types.

FUNCTION

Temperature is sensed by a resistive element that is sensitive to temperature changes (for the values of sensors see the following tables).

TYPE	SENSOR	DIMENSIONS	MEASURING RANGE °C	PROTECTION	CABLE
NTA003-040	NTC10K	Ø 6 x 40 mm x 0,30 m	-50...+110	IP67	silicone
NTA020-040	NTC10K	Ø 6 x 40 mm x 2,00 m	-50...+110	IP67	silicone
NTA060-040	NTC10K	Ø 6 x 40 mm x 6,00 m	-50...+110	IP67	silicone
NTA010-623	NTC10K	Ø 6 x 23 mm x 1,00 m	-40...+80	IP67	PVC
NTA020-623	NTC10K	Ø 6 x 23 mm x 2,00 m	-40...+80	IP67	PVC
NTA060-623	NTC10K	Ø 6 x 23 mm x 6,00 m	-40...+80	IP67	PVC
NTB010-623	NTC100K	Ø 6 x 23 mm x 1,00 m	-40...+80	IP67	PVC
PTA010-100	PT100	Ø 6 x 100 mm x 1,00 m	-50...+200	IP67	silicone
PTA020-100	PT100	Ø 6 x 100 mm x 2,00 m	-50...+200	IP67	silicone
PTA010-100C	PT100	Ø 6 x 100 mm x 1,00 m	-50...+350 (*)	IP44	fiberglass
PTA020-100C	PT100	Ø 6 x 100 mm x 2,00 m	-50...+350 (*)	IP44	fiberglass
PTB010-100	PT1000	Ø 6 x 100 mm x 1,00 m	-50...+200	IP67	silicone
PTB020-100	PT1000	Ø 6 x 100 mm x 2,00 m	-50...+200	IP67	silicone
PTB010-100C	PT1000	Ø 6 x 100 mm x 1,00 m	-50...+350 (*)	IP44	fiberglass
PTB020-100C	PT1000	Ø 6 x 100 mm x 2,00 m	-50...+350 (*)	IP44	fiberglass
NTA020-620BR-J	NTC10K	strap-on sensor for pipes up to 2", contact zone 6x20 mm, cable length 2m, strap extension included	-50...+120	IP67	thermoplastic rubber strap

(*) max cap temperature -50...+600 °C

CHARACTERISTICS

TYPE	PIPE
NT...-623	polypropylene
NT...-040	steel
PT	steel
PT...C	steel with ceramic insert
NIC	steel
NT...-620	rubber thermoplastic

DIMENSIONS (mm)

