TEMPERATURE SENSORS

Specially developed for low temperature and high humidity applications.

MAIN FUNCTIONS

NTC temperature sensors are manufactured from a thermally sensitive resistor element that has a negative coefficient (Negative Temperature Coefficient)

Offers mechanical, thermal, and electrical stability, along with a high degree of sensitivity. Acts in monitoring and warnings on the instrument panel are immediately triggered, detecting faults or unusual temperature changes

Temperature is an essential parameter for engine operation, and the sensor is one of the most important parts of the cooling system

CHARACTERISTICS

TEMPERATURE SENSOR WITH ABS CAGE

Ideal for use in the return and air duct, in buses and minibuses.

STAINLESS STEEL TEMPERATURE SENSOR

Ambient, coil (freezing) and/or external sensor. It has a stainless steel encapsulation, a more robust cable with tinned copper wires and reinforced insulation at the cable junction.

ABS TEMPERATURE SENSOR

ABS encapsulated sensors ensure great durability in humid environments, often used for cold applications.

AVAILABLE FOR

TEMPERATURE SENSOR
CAGE

TECHNICAL DATA	
COLOR	WHITE / BLACK / GRAY
OPERATING TEMPERATURE	-50°C to 120°C / -58°F to 248°F
PROTECTION DEGREE	IP20
SENSOR - THERMISTOR	NTC 10KΩ +/- 0,5% @25°C / 77°F
	NTC 30KΩ +/- 0,5% @25°C / 77°F
	NTC 20KΩ +/- 0,5% @25°C / 77°F
RESPONSE TIME	<= 7s

GL-S010   10k

GL-S030   30k

SPECIAL MODELS UNDER REQUEST

WI-FI   BLUETOOTH   CELL PHONE INTERFACE   CAN BUS   REMOTE I/O NETWORK   DATA LOGGER   CUSTOMIZABLE INTERFACES   HMI
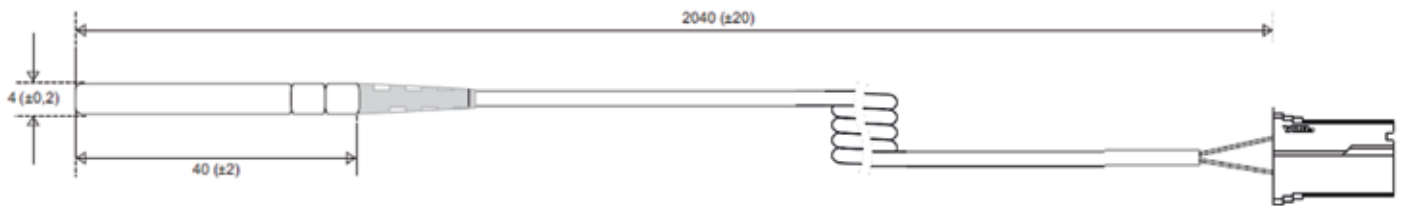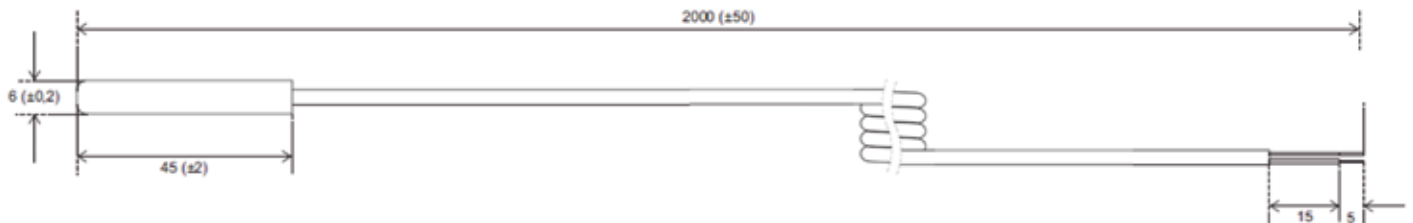
TEMPERATURE SENSOR
STAINLESS STEEL OR ABS PROBE

TECHNICAL DATA	
PROBE TYPE	Stainless Steel (AISI 304) / ABS
OPERATING TEMPERATURE	-50°C to 120°C / -58°F to 248°F
	-50°C to 105°C / -58°F to 221°F
PROTECTION DEGREE	IP 68
SENSOR - THERMISTOR	NTC 10KΩ +/- 1% @25°C / 77°F
	NTC 30KΩ +/- 1% @25°C / 77°F
	NTC 20KΩ +/- 1% @25°C / 77°F
RESPONSE TIME	10 seconds

STAINLESS STEEL

ABS

Available in various lenght and diameter sizes. For other connector options please check with our commercial technical department.

STAINLESS STEEL SENSOR

GL-A1SGL001

NTC 10KΩ
Cable Lenght: 2 m
Probe Lenght: 40mm
Cable 2x23awg

2040 (±20)

4 (±0,2)

40 (±2)

GL-A1SGL816

NTC 10KΩ
Cable Lenght: 2 m
Probe Lenght: 50mm
Cable 2x22awg

2000 (±50)

6 (±0,2)

45 (±2)

15   5

GL-A1SGL004

NTC 10KΩ
Cable Lenght: 2 m
Probe Lenght: 40mm
Cable 2x23awg

2040 (±20)

4 (±0,2)

40 (±2)

15   5
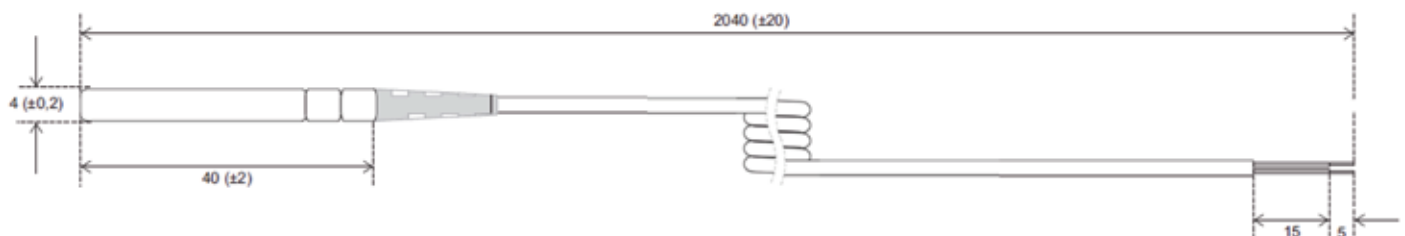
TEMPERATURE SENSOR
ABS SENSOR

GL-GS814

NTC 10KΩ
Cable Lenght: 500mm
Probe Lenght: 25mm
Cable 2x26awg

500 (±15)

6,8 (±0,2)

25 (±1)

15   5
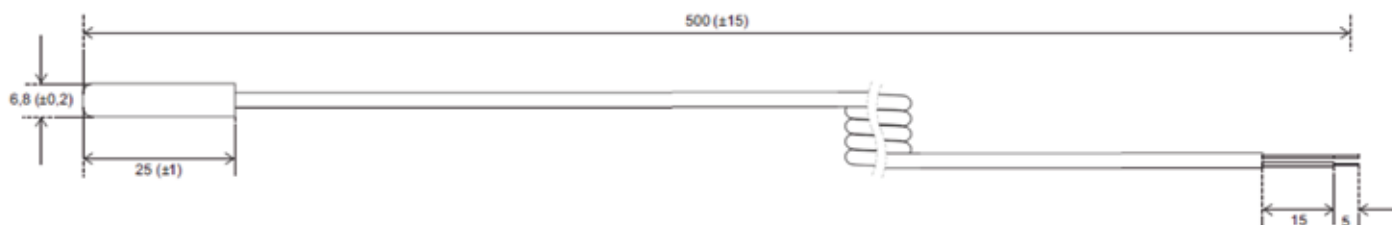
GL-S033

NTC 30KΩ
Cable Lenght: 540m
Probe Lenght: 25mm
Cable 2x23awg

500 (±20)

6,8 (±0,2)

25 (±1)

CONNECTORS

POSITIVE LOCK I 2 ways
Part Number: 926522-2

TERMINAL: POSITIVE LOCK
CABLE 2,5 mm² PN: 880645-6

Green
Company

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