

Active In-car Sensor

AIF003A005



Description

Amphenol Advanced Sensor's Active In-car Temperature Sensors use fast response, highly accurate NTC thermistors packaged to meet the stringent requirements of today's automotive applications.

Application

- For in cabin vehicle temperature measurement for vehicles that have an automated temperature control system

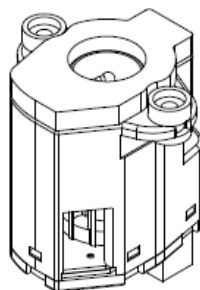
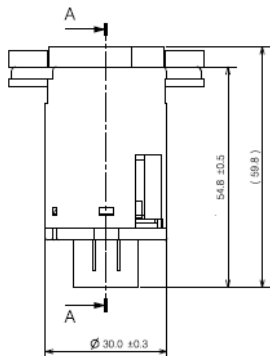
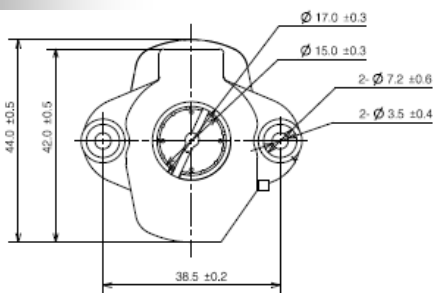
Features

- Alternate Thermistor RvT curves available
- Available with / without humidity sensor
- Different geometries to meet package requirements
- Alternate connector packages to meet needs

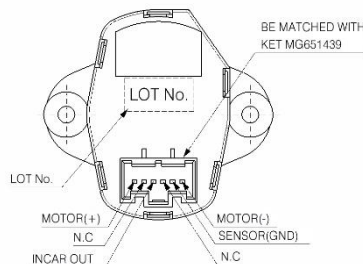
Specification

- Supply Voltage : DC 12.0V(9V~16V)
- Operating Temperature Range: -40°C to 85°C
- R@25°C: 30Kohm±1.2%
- B(0/50): 3887±1.0%
- Response Time(25/50): <10 seconds
- Low Noise: MAX 38dB(A)

Dimension



ISO VIEW



Thermistor RvT

TEMP(°C)	RESISTANCE(KOhm)
-30	528.2±4.35%
-15	218.2±3.43%
0	97.83±2.61%
15	47.12±1.45%
25	30.00±1.20%
35	19.60±1.44%
60	7.478±2.82%
80	3.225±3.69%

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Industrial Temperature Sensors](#) category:

Click to view products by [Amphenol](#) manufacturer:

Other Similar products are found below :

[590-32AC34-103-WRI](#) [590-59CN02-103](#) [G9864ST22F0](#) [HEL-705-U-0-12-C1](#) [HEL-736-U-2-36](#) [HEL-717-U-0-24-00](#) [519-39AW09-245](#)
[519-39CH01-295](#) [535-32AB36-202](#) [535-34AE08-303](#) [512-32AQ01-503](#) [521-33AG04-303](#) [521-53BR01-503](#) [E52P6DY4M](#) [535-34AE09-222](#)
[590-32AC34-103](#) [590-32AD05-103](#) [HEL-705-U-0-36-00](#) [HEL-705-U-1-12-C2](#) [E52-CA6D-N 4M](#) [E52-P6DY 2M](#) [E52-P20C-N D=8](#) [E52-](#)
[THE5A 100-200 2M](#) [HRTS-5760-B-T-0-18](#) [6655-71990001](#) [LTPCTGA20MBSIBX01](#) [LTPCTAA20MDSIEX01](#) [BB-HS-104T2505402](#)
[NCP81255MNTXG](#) [HEL-707-T-1-24-00](#) [HEL-716-U-0-24-00](#) [USW2247](#) [R-11614-1](#) [RP103ST22P2](#) [R-10331-3F6](#) [E52-P20AY-D32 4M](#)
[USW3361](#) [B57045K0222K000](#) [B57045K0154K000](#) [PPG102A6](#) [BB-WTJ-10-36-TT](#) [NB-PTCO-142](#) [B57045K0682K000](#) [R-1630](#) [R-8204](#) [R-](#)
[8203](#) [E52-CA1GTY 1M](#) [SE031](#) [JS7352](#) [HRTS-5760-B-U-1-12](#)