

NTC Series

NTC1

Fluid Temperature Sensor



The NTC1 Series of High Performance Temperature Sensors are designed to measure the temperatures of all types of fluid in demanding motorsport and automotive testing applications.

The sensing element can be either: PT1000 or an NTC 3K Ω Thermistor; calibration of each is well defined and can be installed into most common ECUs and data logging systems.

Construction choice is either aluminium, brass or stainless steel. With standard motorsports cable and sleeve this will protect from the harsh environments around the vehicle.

The NTC1 Series are race proven in many formulae around the world and offer a reliable and robust solution for professional engineers.

Technical Specifications

Ranges (FS)	-30°C to +150°C		NTC 3KΩ	PT1000
Accuracy	< $\pm$ 1°C	Temp °C	Output Ω	Output Ω
Response Time	<10 Seconds	-30	53100.00	882.20
Seal	Viton O-Ring	-20	29121.00	921.60
Sensor Type	NTC 3K Ω or PT1000 class A	-10	16599.00	960.90
Construction	Brass, Aluminium or Stainless Steel	-0	9795.00	1000.00
Electrical Connection	100cm, 26AWG 55Spec + DR25 Sleeve	10	5970.00	1039.00
Mechanical Connection	Please See Part Number Configurator	20	3747.00	1077.90
Protection Class	IP67	25	3000.00	1097.30
Weight (Excluding Cable)	Brass, Stainless steel: 20g Aluminium: 3g	30	2417.10	1116.70
		40	1598.10	1155.40
		50	1080.90	1194.00
		60	746.40	1232.40
		70	525.60	1270.80
		80	376.50	1309.00
		90	274.59	1347.10
		100	203.46	1385.10
		110	153.09	1422.90
		120	116.79	1460.70
		130	90.28	1498.30
		140	70.58	1535.80
		150	55.79	1573.30

bf1systems adopts a continuous development program which sometimes necessitates specification changes without notice.

bf1systems
The Competitive Advantage

Features

- Miniature Size
- -30°C to +150°C
- PT1000 or NTC
- Rugged Construction

Applications

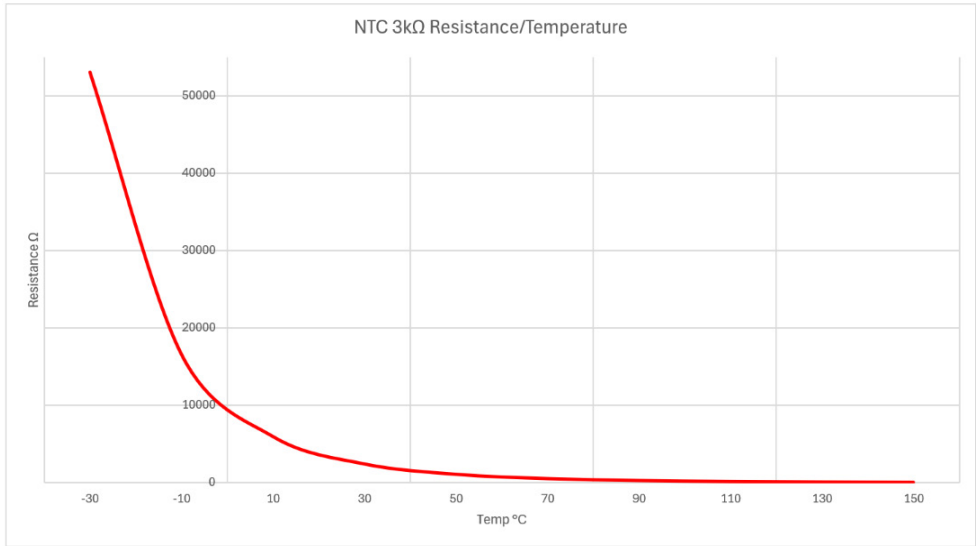
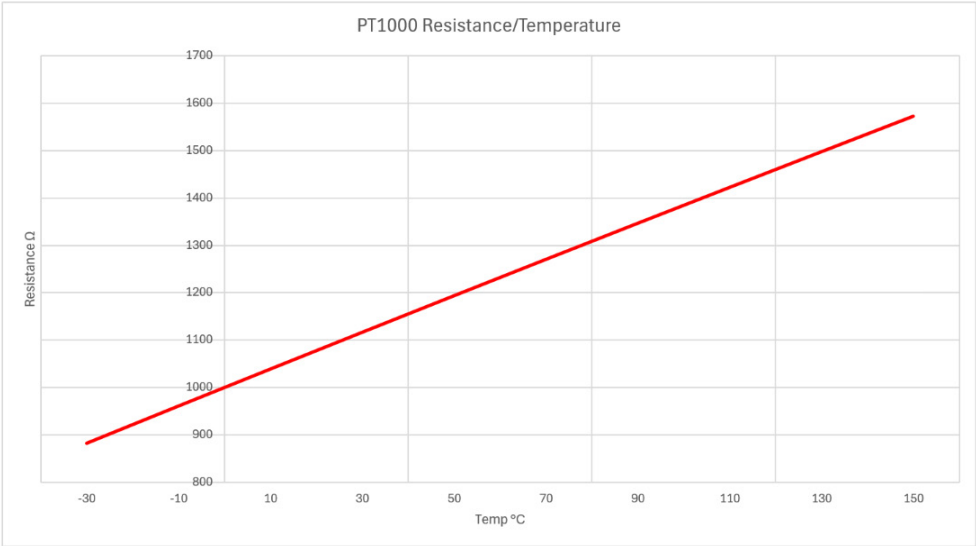
- Coolant
- Water
- Brake
- Fuel
- Oil

Contact Us:

bf1systems
Unit 13 Springfield Business Park
Priest Court
Grantham
Lincolnshire
NG31 7FZ
United Kingdom

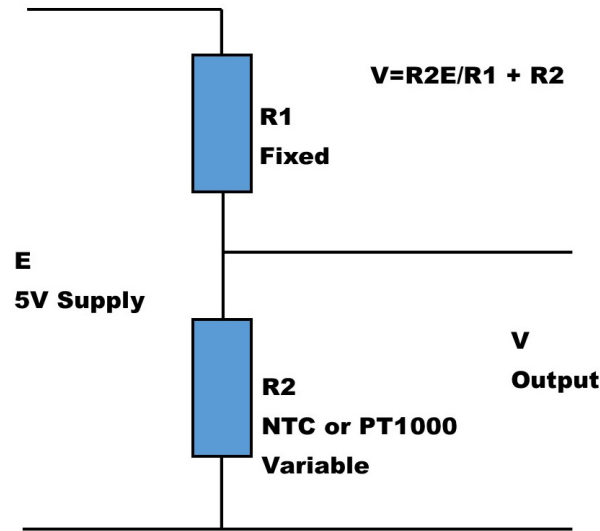
+44 (0)1476 568057
sales@bf1systems.com

Temperature Vs Resistance Graphs



Connection Details

Output	Output
Red	White



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