

Datasheet

Air temperature sensor M12x1,5



This sensor is designed to measure the air temperature in the inlet or ambient temperature. The signal will be used by the engine control unit. The sensor has a M12x1,5 thread and due to its close design, it is suitable for harsh environments.

Technical Specifications

Measurement range: -40 to 140°C

Male thread M12x1,5

Nominal resistance at 20°C: 2.5kOhm

Weight: 25g

NTC characteristic

Connection

Pin 1: Signal

Pin 2: Sensor ground

Sensor characteristic

T (°C)	R (Ohm)
-40	45.313
-30	26.114
-20	15.462
-10	9.397
0	5.896
10	3.792
20	2.500
30	1.707
40	1.175
50	834
60	596
70	436
80	323
90	243
100	187
110	144
120	113
130	89
140	71

Ordering information

Air-temperature sensor - C-030-0001	€30,-
JPT female 2-pin - C-050-0041	€2,50

All prices are ex. VAT

Dimensions**Air temperature sensor M12x1,5**