

Sensori di temperatura NTC con connettore integrato

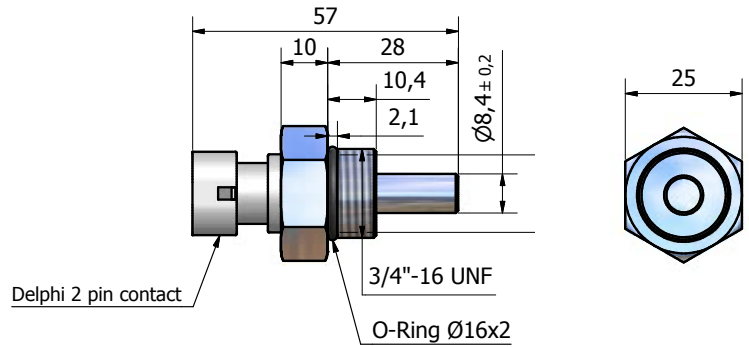
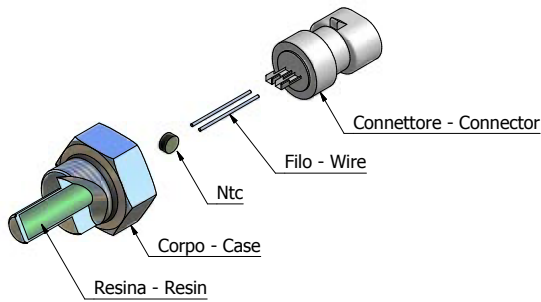
NTC temperature sensors with integrated connector



- Resinati internamente e resistenti fino 160°C
- Configurabili curva NTC, case ed ed interconnessione
- Immuni ai disturbi elettrici ed elettromagnetici
- Elevata affidabilità e ripetibilità delle misure
- Impiegabili nei settori automotive, agricolo, movimento terra, industriale, ferroviario, nautico

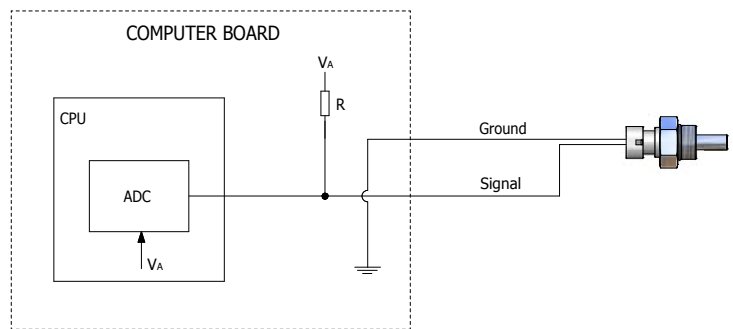
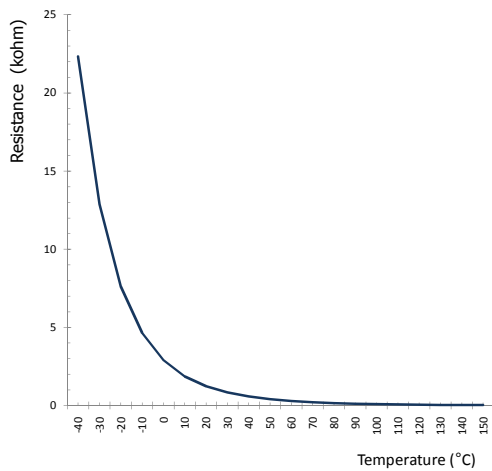
- Internally resinated and resistant until 160°C
- Customizable NTC curve, case and connections
- Immune to electric and electromagnetic disturbances
- High reliability and measurement repeatability
- Applicable in automotive, agricultural, earth moving, industrial, railway and nautical fields

DIMENSIONS



APPLICATIONS

Resistance-temperature diagram



TEMPERATURE (°C)	RESISTANCE (kOhm)	ΔRESIST. (+/-%)	ΔTEMP. (+/-°C)
-40	22,338	13,6	2,4
-30	12,874	12,7	2,4
-20	7,622	11,8	2,3
-10	4,633	11	2,3
0	2,907	10,3	2,3
10	1,87	9,6	2,2
20	1,232	9	2,2
30	0,841	8,4	2,2
40	0,579	7,8	2,2
50	0,4111	7,3	2,1
60	0,294	6,8	2,1
70	0,2148	6,3	2,1
80	0,1590	5,9	2
90	0,1199	5,4	2
100	0,0920	5	1,9
110	0,0711	5,4	2,2
120	0,0556	5,8	2,4
130	0,04402	6,1	2,7
140	0,03510	6,4	3
150	0,0283	6,7	3,2
155	0,02555	6,9	3,4

SPECIFICATIONS

CHARACTERISTICS	VALUE
Power supply:	6 ÷ 24 Vdc
Resistance value 25°C	1014 Ohm
Resistance tolerance at 100°C:	± 1%
Housing material:	AVP lathed
Treatment:	galvanized surface
Tightening torque:	76 Nm
Operating temperature:	- 40 °C ÷ + 155 °C
Vibrations resistance:	1 mm/100Hz (~8g); ref. EN 60068-2-6
Degree of protection:	IP67; ref. IEC 60529
Life cycle:	Ok; ref. EN 60068-2-14b
Current sink:	max power dissipate 60 mW @ 25 °C