

# Combined Fluid Sensor

**Combined Temperature & Pressure Sensor for Fluids (Oil, Water, Fuel, ...)**

Temp. Range: **-20 - 140 °C (32 - 302 °F)**

Resistance: **2.5 kOhm @ 20°C**

Thread: **M10x1.0**

Pressure Range: **0 - 10 Bar (0 - 150 PSI)**

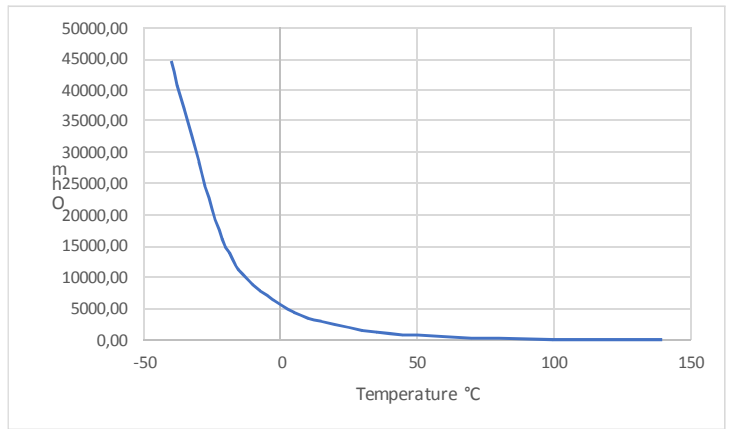
Output Voltage: **0.5 - 4.5 Volt**

Supply Voltage: **5 Volt**



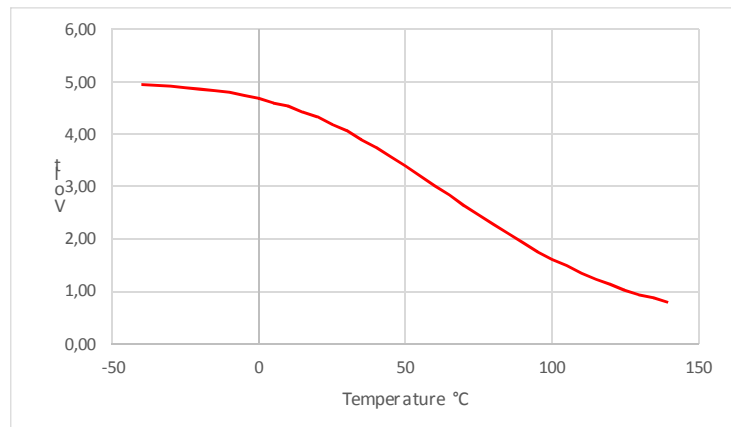
**Temperature °C vs Resistance**

°C	Ohm
-40	44864,00
-20	15067,00
0	5784,00
20	2480,00
40	1167,00
60	594,00
80	323,40
100	186,60
120	113,30
140	71,90



**Temperature °C vs Voltage (390 Ohm Pull-Up to 5 Volt)**

°C	Volt
-40	4,96
-20	4,87
0	4,68
20	4,32
40	3,75
60	3,02
80	2,27
100	1,62
120	1,13
140	0,78



# Combined Fluid Sensor

## Pressure vs Voltage

Bar	Volt
0	0,5
10	4,5

## Connection

- 1 - NC
- 2 - Pressure Signal
- 3 - Supply 5Volt
- 4 - Ground
- 5 - Temp. Signal

