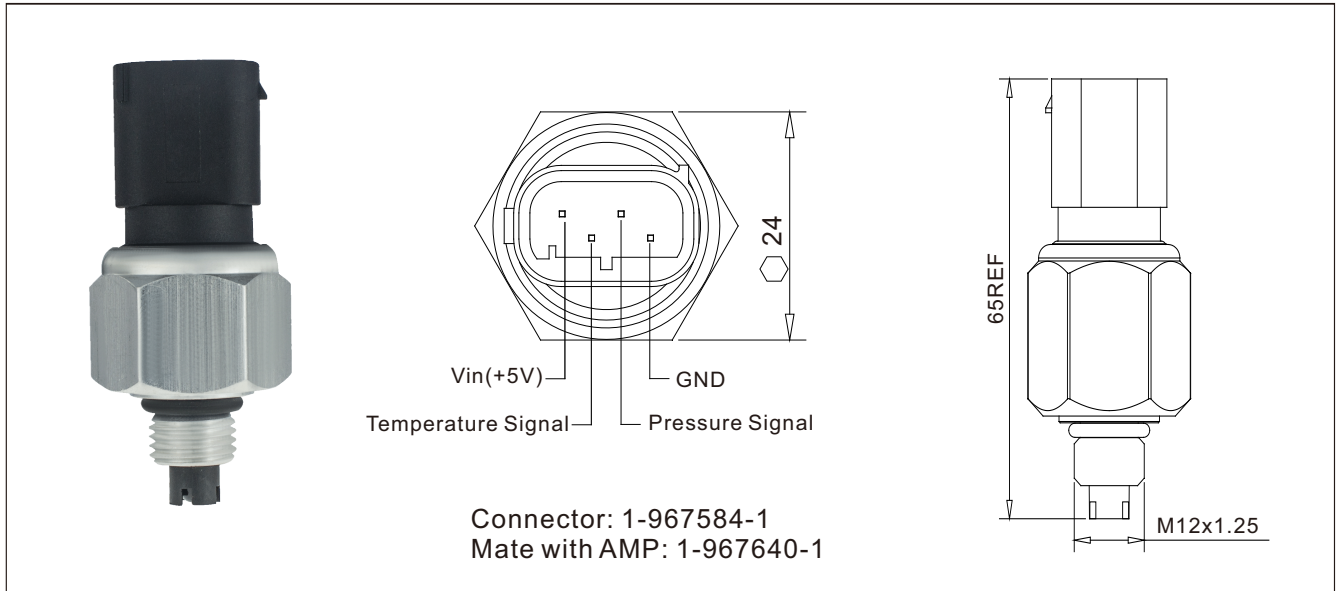


TPC Ceramic Type - Automotive Class Temperature + Pressure Sensor

- ☆ TPC series is ceramic and NTC thermistor type sensor.
- ☆ The temperature accuracy is 1%, and temperature range -40~120°C.
The pressure standard accuracy is 1%(0.5% available), and pressure range is from 0~200kPa to 0~6000kPa.
- ☆ TPC series has high reliability, can accurately detect the pressure and temperature of CNG, LPG, LNG, and other gases or other fluids at the same time. Furthermore, it is widely used in automobiles, aerospace, machinery, industry, chemical industry, medical treatment and etc.

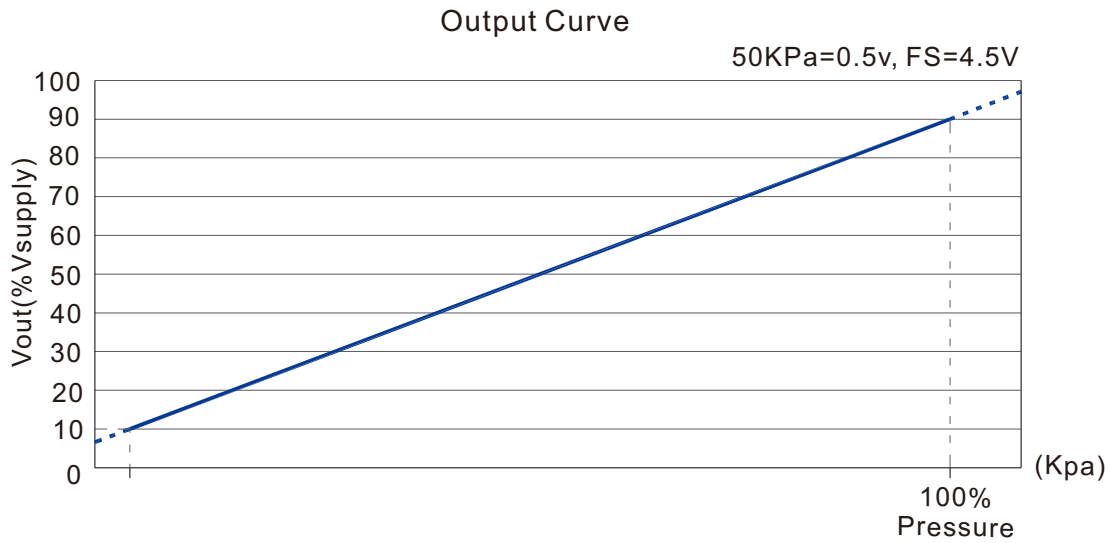
*All dimensions in MM.



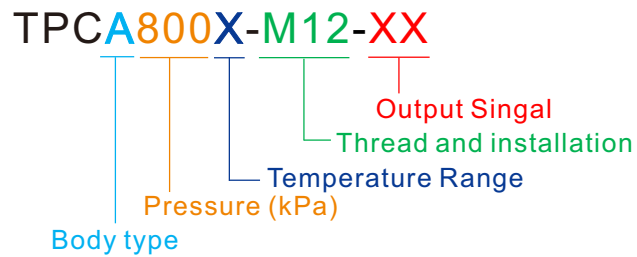
Specification

Sensor type	Ceramic+NTC Thermistor 10KΩ	Pressure response time	5ms
Default connector	C4 (1-967584-1, Mate with AMP 1-967640-1)	Temperature response time	2s
Thread size	M12x1.25(Customizable)	Working temp	-40~120°C
Burst pressure	1.5~4X pressure	Pressure accuracy	1.0%(0.5% available)
Protection	IP67	Temperature accuracy	1%
Temperature compensation		YES	

► Output Types



► Code Identify



Body type	
A	SS304
B	SS316
C	SS316L
D	Brass
E	Aluminium

Pressure Range	
200	0-200kPa
400	0-400kPa
800	0-800kPa
1000	0-1000kPa
6000	0-6000kPa

Thread and installation	
M124	M12*1.25,default
B4	1/4"BSP
B8	1/8"BSP
N4	1/4"NPT
N8	1/8"NPT

Temperature / Resistance (KΩ)									
T(°C)	Output	T(°C)	Output	T(°C)	Output	T(°C)	Output	T(°C)	Output
-30	181.70	10	19.9576	50	3.5882	90	0.9069		
-25	133.50	15	15.7398	55	2.9704	95	0.7787		
-20	98.4699	20	12.503	60	2.472	100	0.6712		
-15	73.7843	25	10	65	2.0677	105	0.606		
-10	55.8289	30	8.0504	70	1.7379	110	0.529		
-5	42.6305	35	6.5213	75	1.4675	115	0.463		
0	32.8352	40	5.314	80	1.2447	120	0.407		
5	25.4973	45	4.3549	85	0.0603				

Type: 10kΩ B25/50:3950