

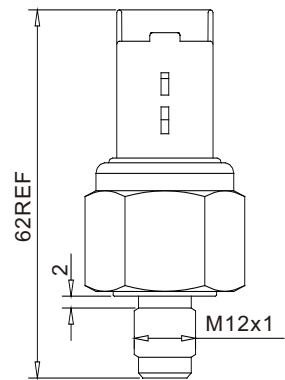
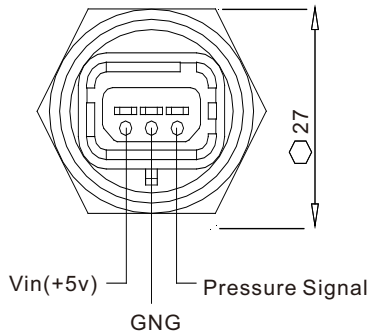
PS1 Ceramic Type - Automotive Class Pressure Sensor

- ☆ PS1 series is ceramic type pressure sensor, and to check the pressure of most media of gas and fluid. Such as automobile, aerospace, machinery, industry, chemical industry, medical, etc.
- ☆ Accuracy is up to 0.5%, pressure range from vac~0bar up to 0~250bar with high reliability.

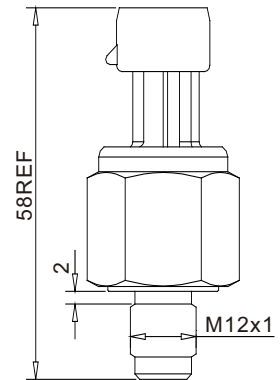
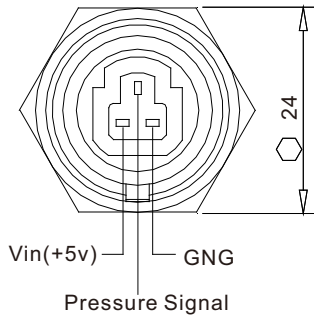
*All dimensions in MM.



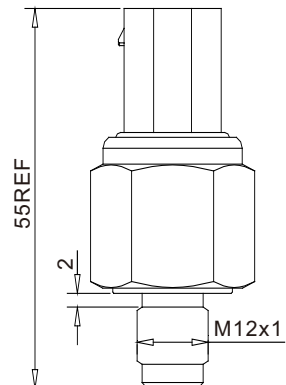
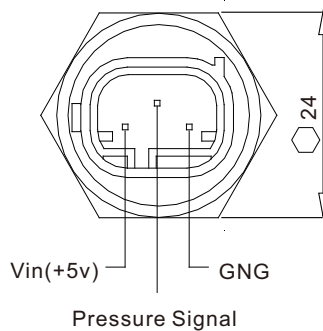
PS1xx-xxE-xx



PS1xx-xxM-xx



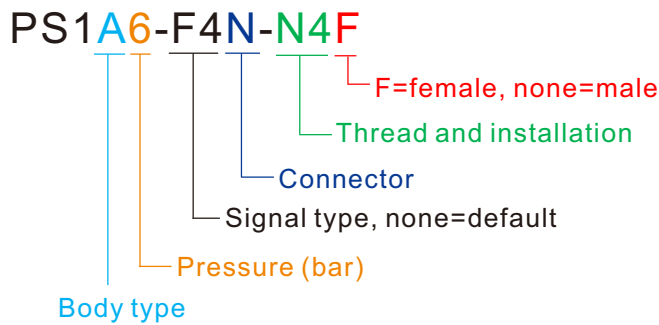
PS1xx-xxN-xx



Specification

Sensor type	Ceramic	Pressure response time	5ms
Default connector	N3 (mate with AMP 2-967642-1, Customizable)	Burst pressure	1.5~4X pressure
Thread size	M12x1(Customizable)	Working temp	-40~120°C
Protection	IP67	Accuracy	1.0%(0.5% available)
Temperature compensation		Yes	

Code Identify



Thread and installation			
M123	M12x1, default		
B4	1/4"BSP	N4	1/4"NPT
B8	1/8"BSP	N8	1/8"NPT

Connector	
N	Mate with AMP 2-967642-1
M	Mate with Delphi 12065287
E	Mate with FC1211PC032S0049, AMP 1801177-1

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

Pressure Range							
V	-1-0bar	2.5	0-2.5bar	25	0-25bar	250	0-250bar
0.4	0-0.4bar	4	0-4bar	40	0-40bar		
0.6	0-0.6bar	6	0-6bar	60	0-60bar		
1	0-1.0bar	10	0-10bar	100	0-100bar		
1.6	0-1.6bar	16	0-16bar	160	0-160bar		

Output Types

Signal Type (Can be customized)		
Signal	Input	Output
F4 (Default)	5v	0bar/0.50v~F.S./4.50v
F5	5v	0bar/0.25v~F.S./4.15v
F6	5v	0bar/0.25v~F.S./4.75v
F7	5v	0bar/0.50v~F.S./4.41v
T4	9~24v	0bar/0.50v~F.S./4.50v
T5	9~24v	0bar/0.25v~F.S./4.15v
T6	9~24v	0bar/0.25v~F.S./4.75v
T7	9~24v	0bar/0.50v~F.S./4.41v

