

## OEM PRESSURE TRANSMITTER

### Special Features:

- Wide Temperature Range
- Crevice Free Stainless Steel Construction
- No Seals or O-Rings
- Compact Version
- Surge Protection, Over Voltage Protection upto 36V DC



### Applications:

P8700 OEM Pressure Transmitters with Compact Design are used for various applications in Aviation Industry, Pharmaceuticals, Refrigeration and HVAC Controls, Process Control, Motor Fuel Control, Water Pressure Monitoring and High end industrial machinery.

### Performance Specifications:

Pressure Range	:	3 Bar ~ 2000 Bar; Optionally available in psi / MPa / kg/cm <sup>2</sup>		
Accuracy	:	±0.25% of F.S		
Operating Conditions	:	- 40°C to 125°C and 0 - 99% RH Non Condensing		
Compensated Temp.	:	- 20°C to 85°C		
Proof Pressure	:	2X		
Burst Pressure	:	5X		
Input Voltage	:	12 - 36 VDC		
Output	:	4-20 mA , 0-10V , 0-5V, 0.5-4.5V Ratiometric, 1-5V		
Wetted Parts	:	17-4 PH SS		
Diaphragm	:	AISI 316L SS		
Case	:	AISI 304 SS		
Connector	:	Nylon 6/6		
Media Compatibility	:	All Materials compatible with Stainless Steel		
Protection	:	IP 65; IP68 (Cable Version)		
Agency Approval	:	CE, RoHS		

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		2 Wire	3 Wire	3 Wire	⚙
Output	:	4 - 20mA	0.5 - 4.5V	0 - 10V	
Excitation (V)	:	12 - 36V	4.75 - 5.25V	15 - 30V	

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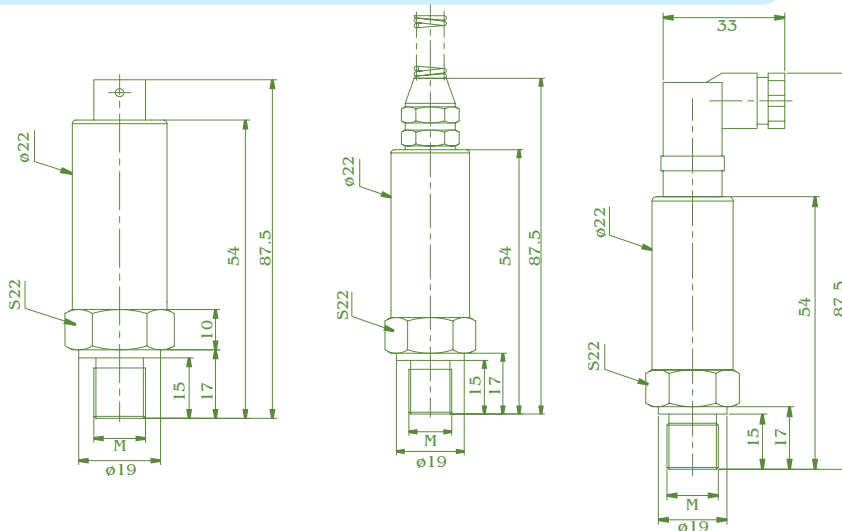
## OEM PRESSURE TRANSMITTER

### Standard Ranges:

RANGE (BAR)	RANGE (BAR)	RANGE (BAR)
0/3	0/4	0/5
0/6	0/7	0/10
0/12	0/16	0/18
0/20	0/25	0/30
0/40	0/50	0/60
0/70	0/100	0/160
0/200	0/250	0/300
0/350	0/400	0/500
0/600	0/700	0/1000
0/1600	0/1800	0/2000

\* Non Standard Ranges And Various Engineering Units Available On Request

### Dimensions (In MM):



### Wiring Method :

Connector Type	4-20 mA Output	Voltage Output
	Pin 1 : + Excitation Pin 2 : + Output	Pin 1 : + Excitation Pin 2 : + Output Pin 3 : - Excitation/ - Output
	+ Excitation (RED) 4-20 mA Output Output (BLACK)	+ Excitation (RED) V Output + Signal (GREEN) - Excitation (BLACK)
	Pin 1 : Excitation Pin 3 : Output	Pin 1 : + Excitation Pin 5 : + Output Pin 4 : - Excitation/ - Output
	Pin 1 : Excitation Pin 2 : Output	Pin 1 : + Excitation Pin 2 : + Output Pin 3 : - Excitation/ - Output

## OEM PRESSURE TRANSMITTER

### HOW TO ORDER

<span>⚙️</span> <b>Basic Model:</b> <span style="float: right;">P87</span>						
1	0.5 to 4.5V (ratiometric)	2	4 - 20mA	3	1 to 5V	2
4	0 to 10V	5	0 to 5V	6	0 to 100mV	<span>⚙️</span>

<span>⚙️</span> <b>Process Connection:</b> <span style="float: right;">1</span>					
1	1/4" BSP (M)	2	1/2" BSP (M)	3	7/16" UNF (M)
4	1/4" NPT (M)	5	1/2" NPT (M)	7	1.5" Sanitary
X	Others				
(Other types of process connection can be provided on request, select X for ordering code)					
.Non standard connections can be provided through adaptor					

<span>⚙️</span> <b>Electrical Connection:</b> <span style="float: right;">6</span>					
1	2ft Cable	2	2ft Cable with IP68 Gland	5	M12
4	Packard Metripak Connector	5	Bendix	6	Hirschman DIN 43650

<span>⚙️</span> <b>Pressure Range:</b> <span style="float: right;">100</span>					
Please Refer to the range table					

<span>⚙️</span> <b>Units:</b> <span style="float: right;">B</span>					
B	Bar	K	kg/cm <sup>2</sup>		
P	Psi	M	MPa		

<span>⚙️</span> <b>Pressure Type:</b> <span style="float: right;">G</span>					
R	Relative Pressure				
G	Gauge Pressure				

Ordering Example: P8721-6-100BG



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