

FLUSH MOUNT PRESSURE TRANSMITTER

Special Features:

- Pressure Range: 0....10 mbar to 0....700bar
- Various output signal for option
- Flush diaphragm
- Excellent corrosion-proof capability
- Compact dimension, high quality



Applications:

This series FM4400 with Flush diaphragm is particularly suitable for the measurement of viscous fluids or media containing particulates that may clog the pressure connection of standard industrial transmitters. All wetted parts are made of stainless steel and are hermetically welded. It is widely used for various applications in Process engineering, Chemical industry, Food industry, Pharmaceutical Machinery and High end industrial machinery.

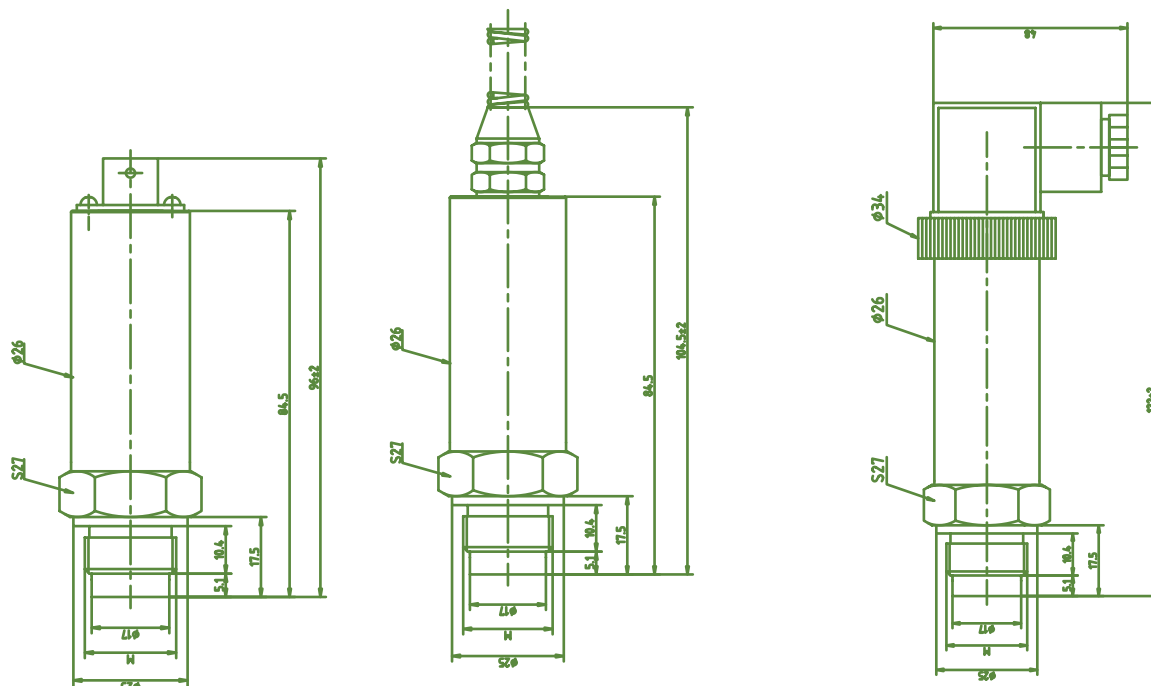
Performance Specifications:

Pressure Range	: 10 mBar ~ 700 Bar; Optionally available in psi / MPa / kg/cm2
Accuracy	: $\pm 0.50\%$
Operating Temp.	: - 40° C to 125° C
Compensated Temp.	: - 20° C to 85° C
Proof Pressre	: 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)
Connection	: Flush Mount
Agency Approval	: CE

	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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⚙️ Dimensions:



⚙️ 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 3 : + Output Pin 4 : - Excitation/ - Output
	Pin 1 : Excitation Pin 2 : Output	Pin 1 : + Excitation Pin 2 : + Output Pin 3 : - Excitation/ - Output

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HOW TO ORDER

⚙️ **Basic Model:** FM44

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	

⚙️ **Process Connection:** 2

2	1/2" BSP (M)	5	1/2" NPT (M)	6	3/4" BSP
8	3/4" NPT (M)	9	1" BSP (M)	X	Others

⚙️ **Electrical Connection:** 6

1	2ft Cable	2	2ft Cable with IP68 Gland	5	M12
4	Packard Metripak Connector	5	Bendix	6	Hirschman DIN 43650

⚙️ **Pressure Range:** 100

Please Refer to the range table

⚙️ **Units:** B

B	Bar
P	Psi

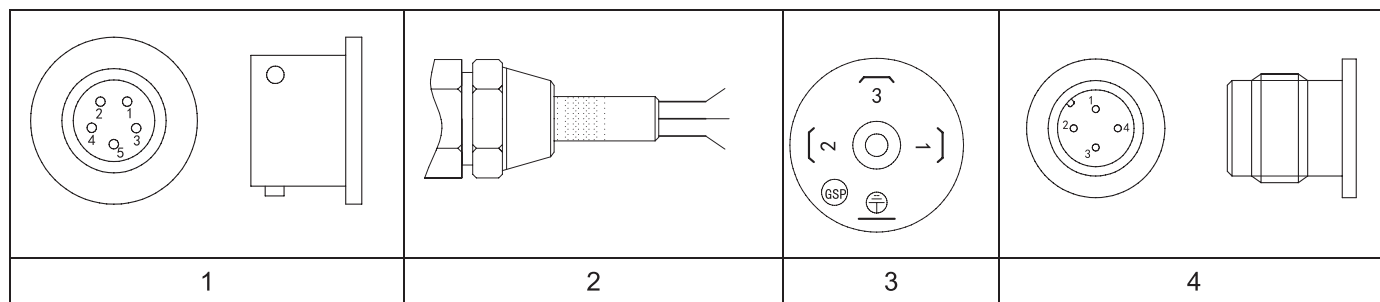
⚙️ **Pressure Type:** G

A	Absolute Pressure
G	Gauge Pressure

Ordering Example : FM4422-6-100BG

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Connections:



Connector type	Function	Color	5PIN	Connector type	Function	Color	
5PIN connector 0-5V; 0-10V 0.5-4.5V, 1-5V	S+	Blue	1	Grand cable 0-5V; 0-10V 0.5/4.5V, 1-5V	S +	Blue	
	E+-	Red	2		E +	Red	
	E-/S-	Yellow/White	3		E-/S-	Yellow/White	
5PIN connector 1.5mV/V, 2mV/V 3.33mV/V	S+	Blue	1	Grand cable 1.5mV/V, 2mV/V 3.33mV/V	S+	Blue	
	E +	Red	2		E +	Red	
	S -	White	3		S -	White	
	E -	Yellow	4		E -	Yellow	
	C	Black	5		C	Black	
5PIN connector 4-20mA	E+	Red	1	Grand cable 4-20mA	E+	Red	
	S+	Black	2		S+	Black	
Connector type	Function	Color	4PIN	Connector type	Function	Color	4PIN
Hirschman 0-5V; 0-10V 0.5-4.5V, 1-5V	E+	Red	1	M12×1 connector 0-5V; 0-10V 0.5-4.5V, 1-5V	E +	Red	1
	S+	Blue	2		S +	Blue	3
	E-/S-	Yellow/White	3		E-/S-	White	4
Hirschman 4-20mA	E+	Red	1	M12×1 connector 4-20mA	E+	Red	1
	S+	Black	2		S+	Black	3