

HIGH PRECISION MELT PRESSURE TRANSMITTER

Special Features:

- Low Cost OEM
- Wide Temperature Range
- Crevice Free Stainless Steel Construction
- No Seals or O-Rings
- Compact Version
- Surge Protection, Reverse Voltage Protection to 36V DC



Applications:

M1300 Can Be Used In Various Plastic Estrusion Line For Pressure Measuring And Control, Such As Chemical Fibre Manufacturing Equipment, Plastic Rubber Machine, Polyester Equipment And Petrochemical.

Performance Specifications:

Pressure Range	: 35 Bar ~ 1500 Bar
Accuracy	: $\pm 0.25\%$
Operating Temp.	: - 40°C to 250°C
Compensated Temp.	: - 20°C to 200°C
Proof Pressre	: 2X
Burst Pressure	: 5X
Electrical Connection	: 5 Pin Bendix Connector with Mating Plug and Cable
Input Voltage	: 10 VDC ; 24 VDC
Output	: 3.33mV/V , 2mV/V ; 4-20 mA , 0-10V , 0-5V

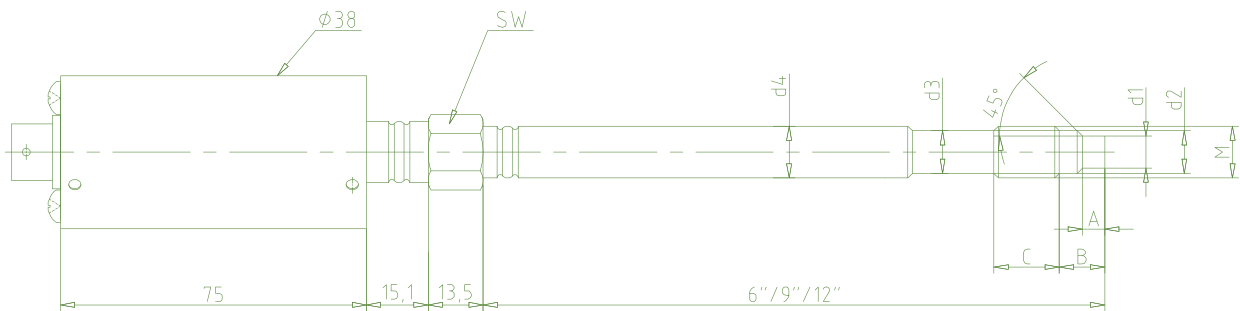
Wetted Parts	: AISI 316L SS
Diaphragm	: AISI 316L SS
Case	: AISI 316L SS
Connector	: Nylon 6/6
Media Compatibility	: All Materials compatible with AISI 316L SS
Protection	: IP 65

Standard Ranges:

RANGE (PSI)	RANGE (BAR)
0/500	0/35
0/1000	0/70
0/1500	0/100
0/2000	0/150
0/3000	0/200
0/3750	0/250
0/4500	0/300
0/5000	0/350
0/6000	0/400
0/7500	0/500
0/9000	0/600
0/10000	0/700
0/15000	0/1000
0/20000	0/1500

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⚙️ Dimensions:



M	d1	d2	d3	d4	A	B	C	SW	6"	9"	12"
1/2-20UNF	7.8	10.5	10.5	12.7	5.4	11.2	16	16	152	230	305
M14x1.5		11.8	11.8	13.5							
M18x1.5		15	15	15.5			20	22			

HOW TO ORDER

⚙️ Basic Model:

2	4 - 20mA	3	1 to 5V	4	0 to 10V	M13
5	0 to 5V	7	3.33 mV/V	8	2mV/V	2

⚙️ Process Connection:

6	1/2" - 20 UNF	7	M18 x 1.5	6
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⚙️ Stem Length:

Please Specify the rigid stem length in inches	6
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⚙️ Pressure Range:

Please Refer to the range table	350
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⚙️ Units:

B	Bar	B
P	Psi	P

⚙️ Pressure Type:

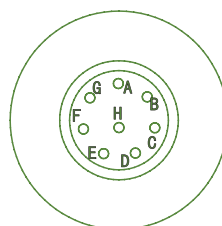
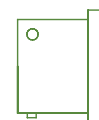
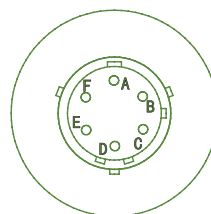
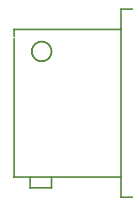
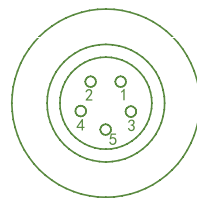
G	Gauge Pressure	G
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Ordering Example : M13 - 2- 6 - 6- 350 - B - G

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Connections:

Output	Function	Color	5PIN
0/5V, 0/10V; 2.0mV/V, 3.33mV/0056	Signal +	Blue	1
	Excitation +	Red	2
	Signal -	White	3
	Excitation -	Yellow	4
	Calibration	Black	5
Output	Function	Color	5PIN
4/20mA	Signal+	Blue	1
	Excitation+	Red	2
	Calibration	Yellow	4
	Calibration	Black	5
Output	Function	Color	6PIN
0-5V;0-10V; 3.33mV/V	Signal +	Blue	A
	Signal -	Green	B
	Excitation +	Red	C
	Excitation -	Yellow	D
	Calibration	Brown	E
	Calibration	Black	F
Output	Function	Color	6PIN
4-20mA	E+ / S+	Red	A
	E- / S-	Blue	B
	Calibration	Yellow	E
	Calibration	Black	F
Output	Function	Color	8PIN
0-5V;0-10V; 3.33mV/V	Excitation +	Red	A
	Signal +	Blue	B
	Excitation -	Yellow	C
	Signal -	Green/White	D
	Calibration	Brown	E
	Calibration	Black	F
	Blank	--	G, H
Output	Function	Color	8PIN
4-20mA	E+ / S+	Red	A
	E+ / S+	Blue	B
	Calibration	Yellow	E
	Calibration	Black	F



Installation:

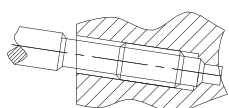


Fig 1

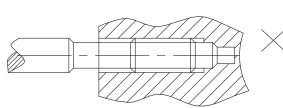


Fig 2

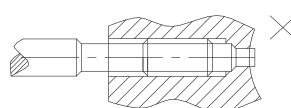


Fig 3

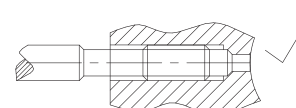


Fig 4