3100/3101/3102 MELT PRESSURE TRANSMITTER MODEL:3100/3101/3102

3100 Melt Pressure transmitter (Rigid stem)

3101 Melt Pressure transmitter(Flexible capillary)

3102 Melt Pressure transmitter(Pressure & temperature dual function)

Features & Benefits

Rigid stem or flexible capillary isolation configuration

Zero and span adjustable

Various amplified signals optional

Internal 80% shunt calibration

Good stability and anti-jamming capability

Descriptions

The 3100,3101,3102 Series melt pressure transducer convert process pressure into an amplified signal for long distance transmission free of noise interference. It can provide various signals as 4/20mA, 0/5V, 0/10V and optional, and directly input upper control system.

Specifications

Ranges: 0~35bar~200bar (Optional)

Output: 4~20mA; 0~5V; 0~10V;

Input Voltage: 10Vdc

Thermocouple: PT124B-133(pt100; E; J; K)

Combined Error: ±0.5%FS

Repeatability: ±0.2%FS

Over pressure: 2×FS

Internal shunt calibration: 80%FS±1%

Max diaphragm temperature: 900^{0}F(480)

Insulation resistance: 1000Megohms 50Vdc

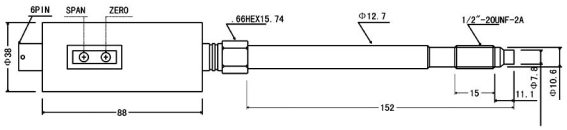
Zero Shift Due to Temperature Change: ±0.1%FS

Electric connection: 6 Pin or 8 Pin bended connector

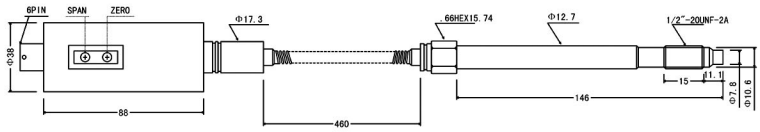
Process connection: 1/2”-20UNF; M18×1.5 or optional

Dimensions:

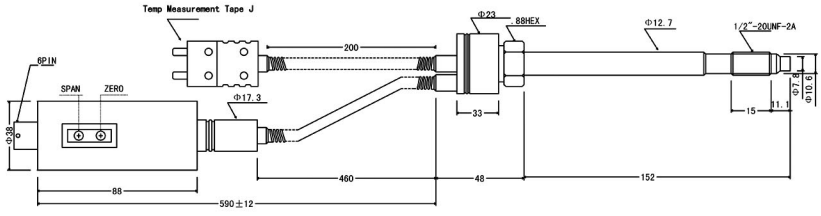
3100



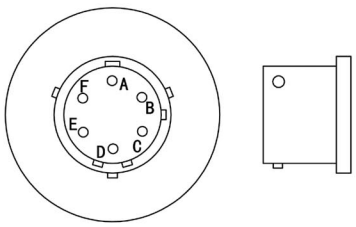
3101



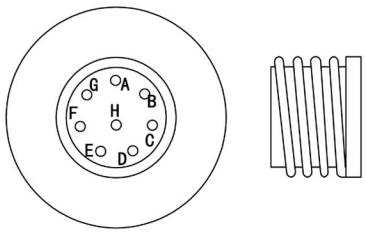
3102



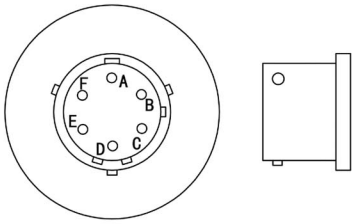
Models	Lead	Color	6PIN
Output:3.33mV/V 0-5V; 0-10V 3100 3101 3102	Signal +	Blue	A
	Signal -	Green	B
	Excitation +	Red	C
	Excitation -	Yellow	D
	Calibration	Black	E
	Calibration	Brown	F



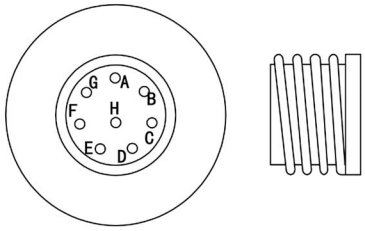
Models	Lead	Color	8 PIN
Output:3.33mV/V 0-5V; 0-10V 3100 3101 3102	Excitation +	Red	A
	Signal +	Blue	B
	Excitation -	Yellow	C
	Signal -	Green	D
	Calibration	Black	E
	Calibration	Brown	F
	——	——	G
	——	——	H



Models	Lead	Color	6 PIN
Output:4-20mA 3100 3101 3102	E / S+	Red	A
	E / S -	Blue	B
	——	——	C
	——	——	D
	Calibration	Black	E
	Calibration	Brown	F



Models	Lead	Color	8 PIN
Output:4-20mA 3100 3101 3102	E / S+	Red	A
	E / S -	Blue	B
	——	——	C
	——	——	D
	Calibration	Black	E
	Calibration	Brown	F
	——	——	G
	——	——	H



Mounting Hole Details: