

Melt pressure transmitter



TP124B Series

TP124B-112 (Rigid stem)

TP124B-123 (Flexible capillary)

TP124B-133 (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 PT124B-112, 123, 133 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: $\pm 0.5\%FS$

Repeatability: $\pm 0.2\%FS$

Over pressure: $2 \times FS$

Internal shunt calibration: $80\%FS \pm 1\%$

Max diaphragm temperature: 900 \square (48 \square)

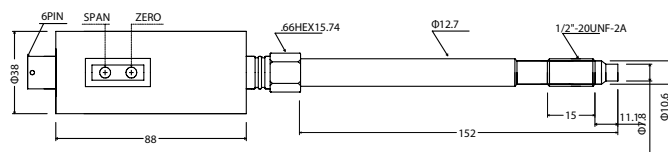
Insulation resistance: 1000Megohms @50Vdc

Zero Shift Due to Temperature Change: $\pm 0.1\%FS/\square$

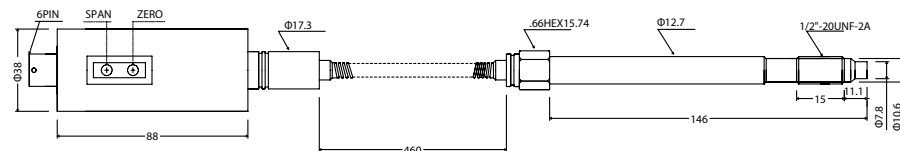
Electric connection: 6 Pin or 8 Pin bendix connector

Process connection: 1/2"-20UNF; M18 \times 1.5 or optional

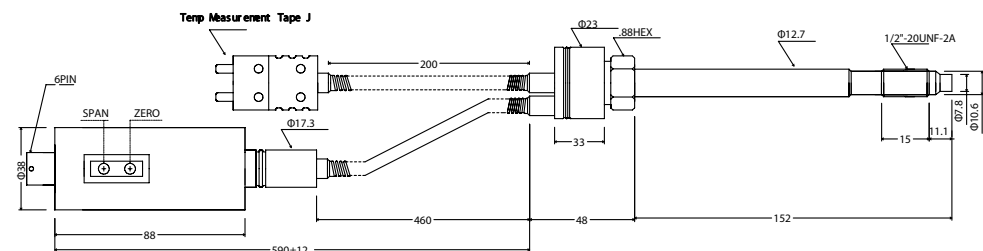
Dimensions



PT124B-112

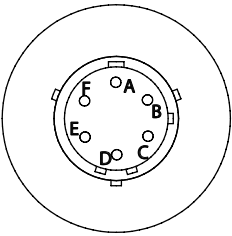
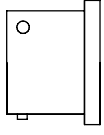
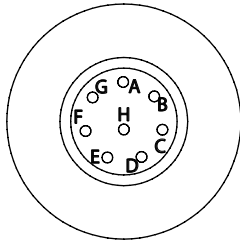
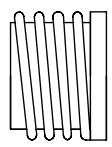
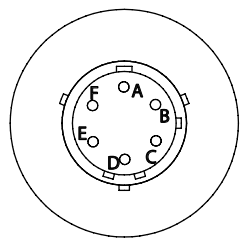
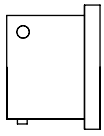
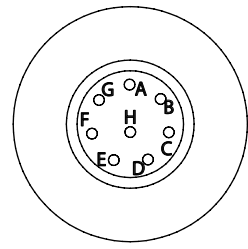
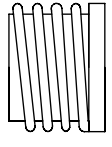


PT124B-123



PT124B-133

STANDARD WIRING CODE

Models	Lead	Color	6PIN	
Output:3.33mV/V 0-5V; 0-10V TP124G Series TP124G-112 TP124G-123 TP124G-133	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 TP124G Series TP124G-112 TP124G-123 TP124G-133	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 TP124B Series TP124B-112D TP124B-123D TP124B-133D	E / S+	Red	A	 
	E / S -	Blue	B	
	---	---	C	
	---	---	D	
	Calibration	Black	E	
	Calibration	Brown	F	
Models	Lead	Color	8 PIN	
Output:4-20mA TP124B Series TP124B-112 TP124B-123 TP124B-133	E / S+	Red	A	 
	E / S -	Blue	B	
	---	---	C	
	---	---	D	
	Calibration	Black	E	
	Calibration	Brown	F	
	---	---	G	
	---	---	H	

Mounting Hole Details

