



GENERAL MELT PRESSURE TRANSMITTER

Model: HMPT-A

Application and Feature

- Designed to satisfy measurement and control requirements in plastic processing, widely used in plastic and rubber machines, fibre machines, injection machines, and film blowing machines.
- High accuracy up to $\pm 0.5\%$;
- 4-20mA, 0-10V output signal available
- Stainless steel housing, with 80% shunt calibration
- Good long-term stability, high reliability
- Easy installation and maintenance



Description:

This series melt pressure transmitter is a $\pm 0.5\%$ sensor ideal for general melt pressure measurements requiring simple installation, repeatability and reliability. The transmitters provide the industry standard 4-20mA signal designed to work with wide of indicators. It comes equipped with a 6PIN bendix connector, connecting with indicator by mating connector and cable. Optional thermocouple or RTD configurations are available to provide melt temperature. It adopts industrial standard 1/2-20 UNF thread for simple and easy installation in standard transducer mounting holes.

■ Pressure range:	0-10MPa~200MPa		
■ Accuracy:	$\pm 0.5\%FS$ Including Linearity, Repeatability & Hysteresis)		
■ Overload:	150%FS		
■ Environment Temperature:	-20~85°C		
■ Max Working Temperature:	400°C (350°C for PT112B ONLY) Temperature shift: 0.04bar/°C		
■ Bridge Resistance	350 \pm 2 Ω		
■ Output signal:	4-20mA,0-10V	■ Excitation:	24Vdc recommend (12-30Vdc)
■ Electronic connection:	6PIN	■ Protection grade:	IP65
■ Mounting Torque	40N.m	■ Diaphragm Material	17-4PH (Special optional)
■ Temperature Type	E, K, J, PT100 --		
■ Process connection:	Standard 1/2-20UNF; M14*1.5, M18*1.5, M22*1.5 optional		

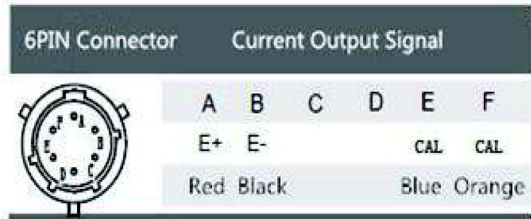
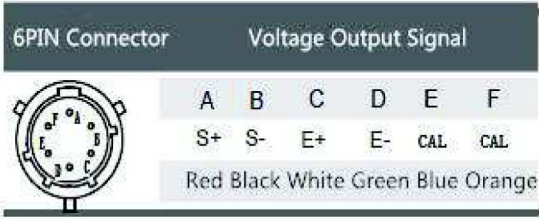
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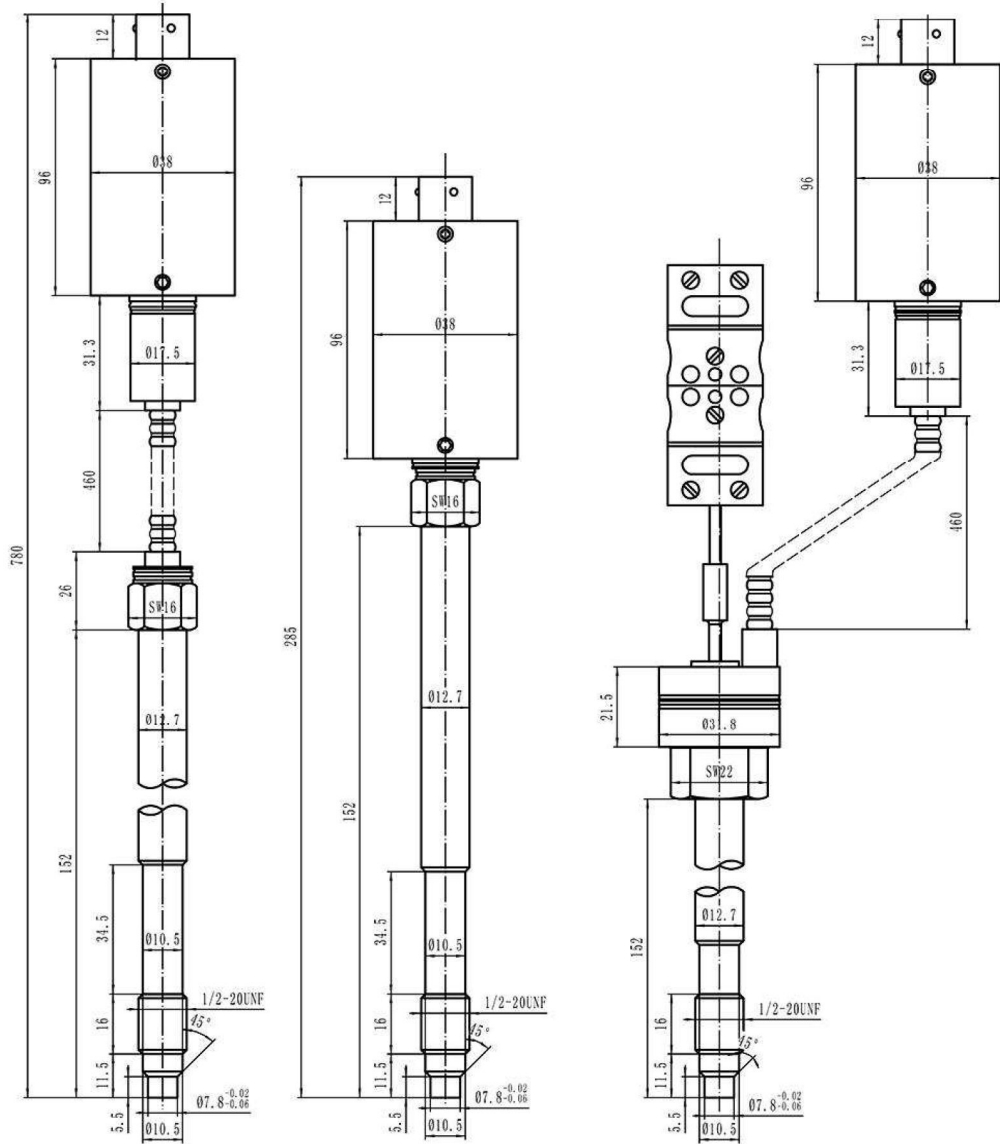


Drawing

Wiring Connection:



Dimension:



Unit in mm

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