PT系列 高温熔体压力变送器综合性能指标表
PT Series Melt Pressure Transmitter Integrated Performance Table

项 目 Items	高温熔体压力变送器类型 Melt Pressure Transmitter									高温熔体压力变送器类型 Melt Pressure Transmitter												
	常规型 Conventional Type			替代进口型 International Replacement Type			高精度低温漂型 High Accuracy Type			超高温型 Ultra High Temperature Type			环保型 Environmental Type			超高温环保型 Ultra High Temperature& Environmental Type			CE认证型 CE certification Type		
	直杆型 Rigid Stem Type	软管型 Flexible Stem Type	温压双测型 Flexible stem & Temperature	直杆型 Rigid Stem Type	软管型 Flexible Stem Type	温压双测型 Flexible stem & Temperature	直杆型 Rigid Stem Type	软管型 Flexible Stem Type	温压双测型 Flexible stem & Temperature	直杆型 Rigid Stem Type	软管型 Flexible Stem Type	双测型 Flexible stem & Temperature	直杆型 Rigid Stem Type	软管型 Flexible Stem Type	双测型 Flexible stem & Temperature	直杆型 Rigid Stem Type	软管型 Flexible Stem Type	双测型 Flexible stem & Temperature	直杆型 Rigid Stem Type	软管型 Flexible Stem Type	双测型 Flexible stem & Temperature
设计型号 Model	PT111B	PT123B PT124B PT127B PT12□B	PT131B	PT1116B	PT1236B PT1246B PT1276B PT12□6B	PT1316B	PT4516B	PT4616B	PT4626B	PT3116B	PT3216B	PT3226B	PT3516B	PT3616B	PT3626B	PT3716B	PT3816B	PT3826B	PT611B PT6116B	PT612B PT6126B	PT623B PT6236B
膜片最高温度 Maximum Diaphragm Temperature	300℃ 550℉ (Max)	400℃ 750℉ (Max)	400℃ 750℉ (Max)	300℃ 550℉ (Max)	400℃ 750℉ (Max)	400℃ 750℉ (Max)	300℃ 550℉ (Max)	400℃ 750℉ (Max)	400℃ 750℉ (Max)	550℃ 1000℉ (Max)		550℃ 1000℉ (Max)	300℃ 550℉ (Max)	400℃ 750℉ (Max)	400℃ 750℉ (Max)	550℃ 1000℉ (Max)		550℃ 1000℉ (Max)	300℃ 550℉ (Max)	400℃ 750℉ (Max)	400℃ 750℉ (Max)
测温配置 Temperature Option	无测温配置 No Temperature sensor		热电偶 Thermocouple E/J/K Type 铂电阻 RTD: Pt100	无测温配置 No Temperature sensor		热电偶 Thermocouple E/J/K Type 铂电阻 RTD: Pt100	无测温配置 No Temperature sensor		热电偶 Thermocouple E/J/K Type 铂电阻 RTD: Pt100	无测温配置 No Temperature sensor		热电偶 Thermocouple E/J/K Type 铂电阻 RTD: Pt160	无测温配置 No Temperature sensor		热电偶 Thermocouple E/J/K Type 铂电阻 RTD: Pt100	无测温配置 No Temperature sensor		热电偶 Thermocouple E/J/K Type 铂电阻 RTD: Pt100	无测温配置 No Temperature sensor		热电偶 Thermocouple E/J/K Type 铂电阻 RTD: Pt100
压力量程 Pressure Range	0~1.5MPa~200MPa 0~250psi~30000psi 0~15bar~2000bar			0~1.5MPa~200MPa 0~250psi~30000psi 0~15bar~2000bar			0~3.5MPa~200MPa 0~500psi~30000psi 0~35bar~2000bar			0~3.5MPa~200MPa 0~500psi~30000psi 0~35bar~2000bar			0~5MPa~200MPa 0~800psi~30000psi 0~50bar~2000bar			0~3.5MPa~200MPa 0~500psi~30000psi 0~35bar~2000bar			0~1.5MPa~200MPa 0~250psi~30000psi 0~15bar~2000bar		
准 确 度 Accuracy	±1.0%FS			±1.0%FS			±0.25%FS / ±0.5%FS			±1.0%FS			±0.5%FS			±0.5%FS			±0.5%FS / ±1.0%FS		
重 复 性 Repeatability	±0.8%FS			±0.8%FS			±0.4%FS			±0.8%FS			±0.8%FS			±0.8%FS			±0.8%FS		
输出信号 Output Signal	4~20mA，0~20mA 0~10V，0~5V，1~5V			4~20mA，0~20mA 0~10V，0~5V，1~5V			4~20mA，0~20mA 0~10V，0~5V，1~5V			4~20mA，0~20mA 0~10V，0~5V，1~5V			4~20mA，0~20mA 0~10V，0~5V，1~5V			4~20mA，0~20mA 0~10V，0~5V，1~5V			4~20mA，0~20mA 0~10V，0~5V，1~5V		
电气连接 Electrical Connection	5芯/5PIN (XS12J5A/XS12K5P)			6芯/6PIN (SD02106P/SD02106S)			6芯/6PIN (SD02106P/SD02106S)			6芯/6PIN (SD02106P/SD02106S)			6芯/6PIN (SD02106P/SD02106S)			6芯/6PIN (SD02106P/SD02106S)			5芯/5PIN (XS12J5A/XS12K5P) 6芯/6PIN (SD02106P/SD02106S)		
探头温漂 Zero Shift Due to Temperature Change	≤0.3MPa/100℃ ≤20psi/100℉			≤0.3MPa/100℃ ≤20psi/100℉			≤0.15MPa/100℃ ≤10psi/100℉			≤0.3MPa/100℃ ≤20psi/100℉			≤0.3MPa/100℃ ≤20psi/100℉			≤0.3MPa/100℃ ≤20psi/100℉			≤0.3MPa/100℃ ≤20psi/100℉		
环境温度 Ambient Temperature	-20~85 ℃ / -5~185 ℉									-20~85 ℃ / -5~185 ℉											
最大承载压力 Maximum Overpressure	1.5×FS (<100MPa) / 1.2×FS (≥100MPa)									1.5×FS (<100MPa) / 1.2×FS (≥100MPa)											
工作电源 Input Voltage	24V DC （10~36V DC） 24V DC recommended									24V DC （10~36V DC） 24V DC recommended											
安装螺纹 Process Connection	1/2"-20；M12×1.5；M14×1.5；M18×1.5；M22×1.5；M28×1.5；G1/4"；G3/4"；PF3/8"等 其他尺寸可订做；Other sizes can be customized.									1/2"-20；M12×1.5；M14×1.5；M18×1.5；M22×1.5；M28×1.5；G1/4"；G3/4"；PF3/8"等 其他尺寸可订做；Other sizes can be customized.											

示例：**PT124B - 25MPa - M14 -150/370 - 4~20mA** （Example1）

说明：产品设计型号"PT124B"。常规型熔体压力变送器，5芯插头，压力量程0~25MPa；安装螺纹公制M14×1.5，直杆150mm/柔性软管370mm；压力输出信号4~20mA；无测温配置。

Note: PT124B melt pressure transmitter; 5PIN connector; Pressure range 0~25Mpa; Thread size M14*1.5; Rigid/flexible length 150mm/370mm; Signal output 4-20mA; No thermocouple/RTD.

示例：**PT1316B - 50MPa - 1/2" - 20 -150/470 - K - 0~10V** （Example2）

说明：产品设计型号"PT1316B"。替代进口型熔体压力/温度变送器，6芯/2芯插头，压力量程0~50MPa；英制1/2"-20UNF螺纹，直杆150mm/柔性软管470mm；采用K型热电偶温度传感器测温，压力输出信号0~10V。

Note: PT1316B international replacement melt pressure & temperature transmitter; 6PIN/2PIN connectors;Pressure range 0~50Mpa, Thread size 1/2"-20UNF; Rigid/flexible length 150mm/470mm; K Type thermocouple; Signal output 0-10V.

示例：**PT4616B - 35MPa - 1/2" - 20 - 150/470 - 4~20mA** （Example3）

说明：产品设计型号"PT4616B"。高精度低温漂熔体压力变送器（综合精度0.5%FS）；6芯插头；压力量程0~35MPa；安装螺纹英制1/2"-20UNF，直杆150mm/柔性软管470mm；压力输出信号4~20mA。

Note: PT4616B high accuracy melt pressure transmitter (0.5%F.S.); 6PIN connector; Pressure range 0~35Mpa, Thread size 1/2"-20UNF; Rigid/flexible length 150mm/470mm; Signal output 4-20mA.

备注：设计型号结尾字母"B"，表示为标准压力变送器；结尾字母"A"，表示4~20mA/0~10V一键清零型压力变送器；结尾字母"K"，表示压力变送器附带开关量输出,防爆型压力变送器设计型号为"PTFxxxB/PTFxxxxB"。

Note: Function code "B" means the standard pressure transmitter, function code"A" means pressure transmitter with auto-zero function, Function code "K" means pressure transmitter with safe relay protection switch function. Explosion proof version model is PTFxxxB/PTFxxxxB.