

SSM-T21V

微型卫生型温度传感器、变送器/Miniature hygienic temperature sensor and transmitter

- 测量范围/Range: -50~250°C
- 卫生级设计/Hygienic design, conforms to EHEDG、FDA、GMP
- 符合CIP-SIP清洗要求/Complying with CIP-SIP cleaning requirements
- 多种安装接口可选/Multiple Process connection optional
- 多种输出信号可选/ Multiple output signals optional
- 测量准确度高/High accuracy of measurement
- 抗干扰能力强/Strong antiinterference ability



技术规格/Technique parameter

产品性能/Product Performance

长期漂移/Long-Term Stability	±0.05%FS、0.1°C每年/year (取较大者/The bigger one)
精度/Accuracy	A级 (pt100)、±0.25%FS、±0.5%FS(可选/Optional) ±0.25%FS、±0.5%FS(变送器可选/Transmitter optional)
环境温度影响/Environmental Temp.Effect	≤ ±0.005%FS/°C 基准温度/Reference: 22°C
测试标准/Test criteria	GB/T30121/IEC60751
工作温度/Working Temp.	-40°C~85°C
响应时间/Response Time	t 0.9=10sec

物理特征/Physical Characteristics

安装接口/Pressure Interface	参见订购指南/See Ordering Guide
接液部件/Contact Parts	
材质/Material	SS304、SS316L包含安装接口/Contains process connection
保护管直径/Protection tube diameter	6mm、8mm等/etc.
电气接口/Electrical Interface	M12×1四芯航空插件/Aviation Plug-in 4PIN
外壳防护/Shell Protection	IP67
抗冲击/Shock	EC 68-2-6 procedure I
抗振动/Vibration	4g, 2-100Hz
重量/Weight	约250克/About 250g

环境数据/Environmental Data

认证/Authentication	CE、RoHS、Ex
-------------------	------------

特有技术规格/Specific technical specifications

电阻输出/Resistance Output

输出 (3线) /Output (3-wire)	pt100 (3线)
输出 (4线) /Output (4-wire)	pt100 (4线) 、 pt1000 (4线)

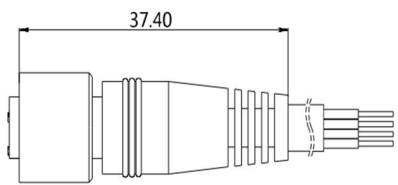
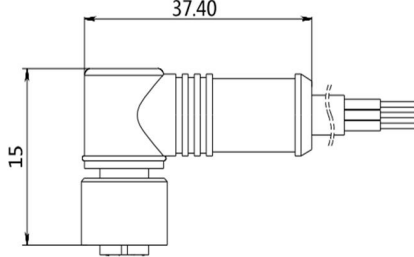
电流输出/Current Output

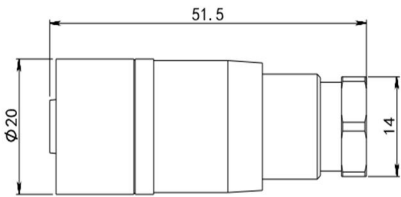
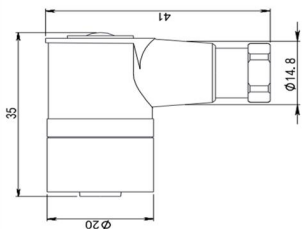
输出 (2线) /Output (2-wire)	4-20mA (2线) /2-wire 4-20mA+Hart (2线) /2-wire
供电电压/Power Supply	10-30Vdc

电压输出/Voltage Output

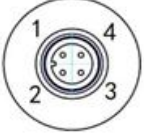
输出 (3线) /Output (3-wire)	最小0V至最大10V/Min 0V to max 10V
供电电压/Power Supply	高于满量程输出4V, 最大30Vdc Over full range output 4V, max 30Vdc

接线方式/Connection

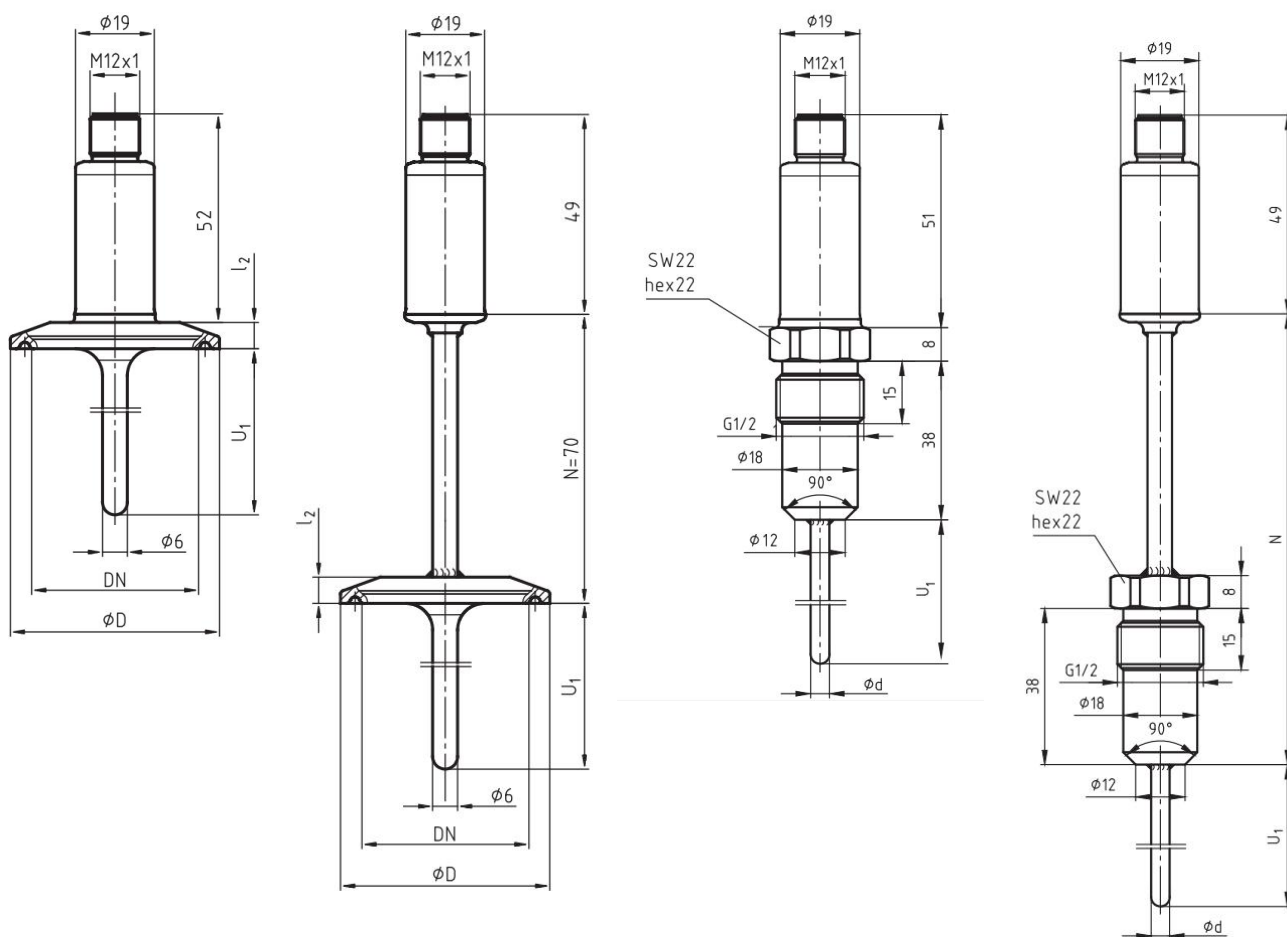
	
M12四芯航空母插头直头（注塑配线） 代码：4P	M12四芯航空母插头弯头（注塑配线） 代码：4PW
Straight head of M12 four core aviation bus plug (injection line)	M12 four core aviation bus plug elbow (injection line)

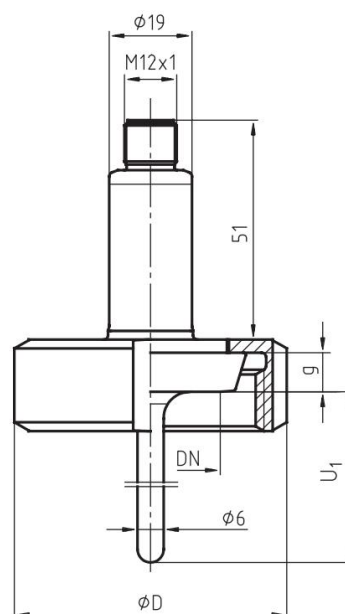
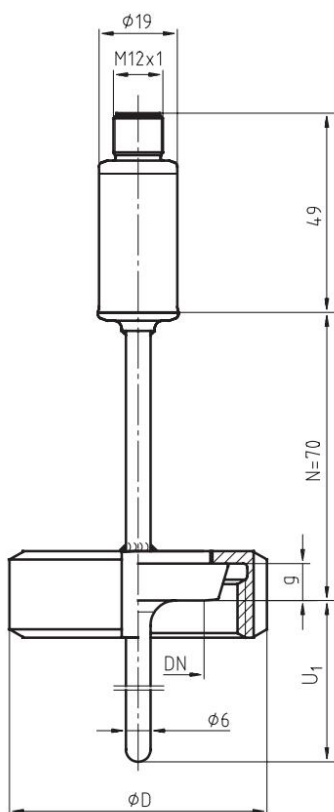
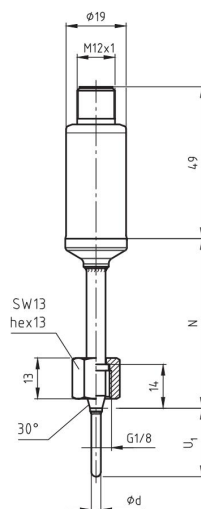
	
M12四芯航空母插头直头（无配线） 代码：4P	M12四芯航空母插头弯头（无配线） 代码：4PW
Straight head of M12 four core aviation bus plug (without wiring)	M12 four core aviation bus plug elbow (without wiring)

接线定义/Wiring Definition

插件示意图 Plugin diagram	插件脚位 Foot position	线缆颜色 Cable color	电流输出 Current output	电压输出 Voltage Output	RS485 Modbus RTU
	1	棕 (Brown)	E+电源/Supply	E+电源/Supply	E+电源/Supply
	2	白 (White)			RS485 B
	3	蓝 (Blue)	S+输出/Output	S+输出/Output	RS485 A
	4	黑 (Black)		E-/S-共负/Com	E-电源/Supply

外型尺寸/External dimensions





For more product information, please visit : www.js-ssmtech.com

微型卫生型温度传感器/变送器 (SSM-T21V)

型号表示: SSM-T21V-①-②-③/④/⑤-⑥⑦

系列号 Series	①输出信号 Output	②安装接口 Process connection	③探杆直径 Probe diameter	④探杆长度 Probe length	⑤冷端长度 Extension length	⑥温度范围 Range	⑧电气接口 Electrical connection	参数描述 Parameter description
SSM-T21V	RTD 4A 10V							pt100三线制/3-wire 4-20mA两线制/2-wire 0-10V三线制/3-wire
		4GH 0TC 1.5TC 2TC XX *						G1/2卫生型/Hygienic type 1/2"卡箍/clamp 1-1/2"卡箍/clamp 2"卡箍/clamp 其他规格/Other *
			6					Φ6mm
				25 50 100 XX *				25mm 50mm 100mm 其他规格/Other *
					0 25 50			无冷端/No Extension 25mm 50mm
						空 (-50~50) (0~150) XX *		pt100标准/Standard (-50 ~ +50℃) (0 ~ 150℃) 其他规格/Other *
							4P XX *	四芯M12连接器/4pin 其他规格/Other *

注意事项/Attention:

1、只提供四芯M12连接器

Only four-core M12×1 4PIN

2、4PIN标配2米电缆线

4PIN Standardized 2m Cable Line

3、标准冷端长度50mm

Standard Extension length 50mm

4、带 "*" 号请联系技术人员

With "*", please contact the technician