

## 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
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## 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)

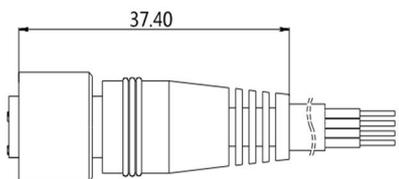
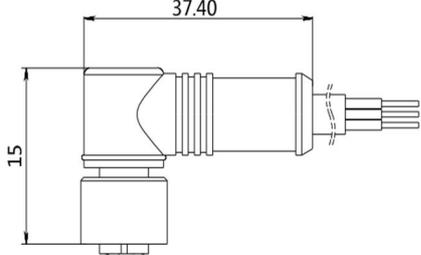
### 电流输出/Current Output

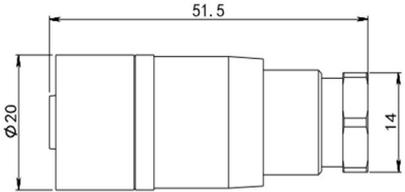
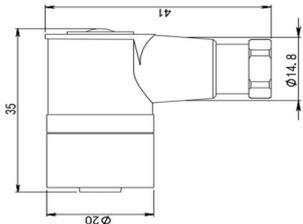
输出 (2线) /Output (2-wire)	4-20mA (2线) /2-wire 4-20mA+Hart (2线) /2-wire
供电电压/Power Supply	10-30Vdc

### 电压输出/Voltage Output

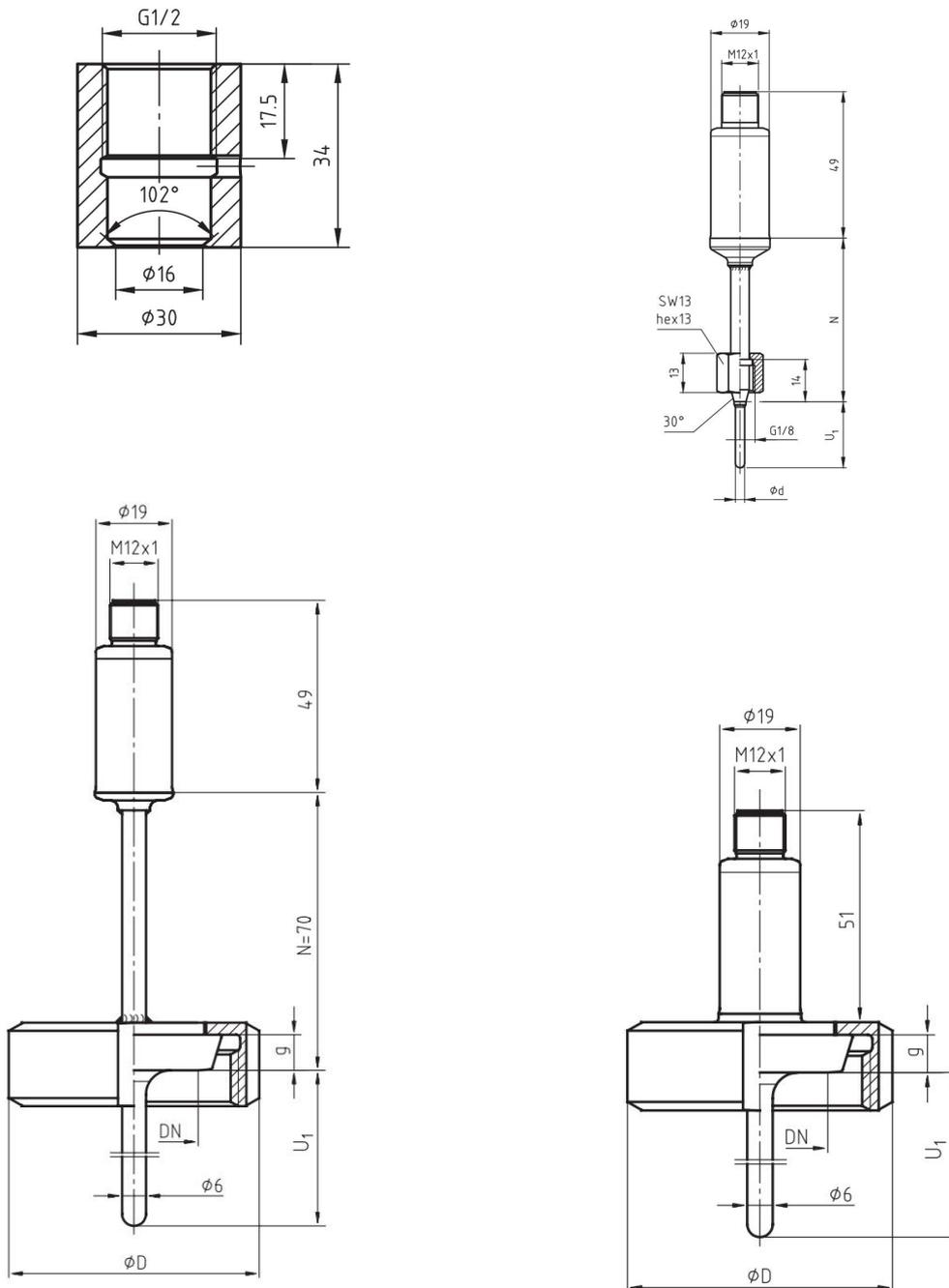
输出 (3线) /Output (3-wire)	最小0V至最大10V/Min 0V to max 10V
供电电压/Power Supply	高于满量程输出4V, 最大30Vdc Over full range output 4V, max 30Vdc

## 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)





单位: mm	卡箍/Tri-Clamp		卡箍/Tri-Clamp		卡箍/Tri-Clamp		卡箍/Tri-Clamp	
	0TC	D	1TC	D	1.5TC	D	2TC	D
尺寸/Size	1/2 "	25.4	1"	50.5	1-1/2"	50.5	2"	64

## 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°C) (0 ~ 150°C) 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