



SRH500 系列变送器是测量空气相对湿度和温度的理想仪表，其探杆和电路设计考虑了工程现场的复杂物理环境和电气环境，对环境有防护设计，保证了输出的高精度，其两层过滤的结构保证了核心敏感元件长期工作稳定性，充分考虑使用现场环境复杂性。产品在设计上增强了 EMC 抗干扰能力。

易于配置和设置

SRH500 变送器提供两路 4 -20mA 或 0-10VDC 线性输出分别代表相对湿度和温度当前数值，也可以提供数字式输出，并提供墙体安装和管道安装两种类型，每台变送器出厂时配有安装附件。

SRH500 的参数支持通过手操器的现场调整。

Model SRH500

温湿度变送器

特性

- Pt100 或 Pt1000 温敏元件可选
- 温度精度 0.3°C
- 相对湿度精度 2.5%RH
- 防尘性能好
- 抗干扰能力强
- 支持 Modbus RTU 数字输出
- CE 认证

应用

- 手术室
- 负压隔离室
- 药厂实验室
- 工业制造
- 静脉配药间 (PIVAS)
- 数据中心
- 半导体车间

订购指南

订货示例：SRH50011D1T14FMAAA 表示为 SRH500 温湿度变送器温度范围 -30 ~ 60℃，4~20mA 输出，风管安装，固定探头长度，公制单位，模拟输出

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¹ 默认配置：波特率 38400、奇偶校验无、停止位 1 位、公制单位

Filter 配件

型号	描述
SRH500FSS	烧结不锈钢过滤器
SRH500FHP	H ₂ O ₂ 过滤器

规格

性能参数

精度 (20°C)	
湿度：	±2.5%RH
温度：	±0.3°C
测量范围	
湿度：	0~100% RH
温度：	见选型表
湿敏元件	高分子电容
温敏元件	Pt100/Pt1000(DIN60751)
壳体	阻燃塑料 UL94 V-0
防护等级	IP65
滤网	不锈钢烧结滤网 40 微米，另有特殊滤网可联系厂家订制

规格如有更改，恕不另行通知。

电气参数

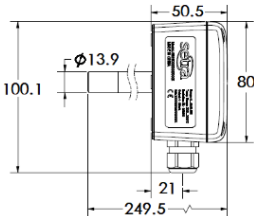
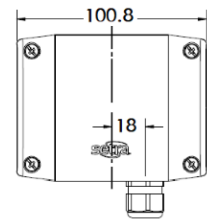
供电要求：		22-26VDC (三线电流、电压、RS485)
最大电流：		14-26VDC (两线电流)
电磁兼容标准：		60mA (带显示产品 65mA)
		EN61326-1 EN61326-2-3
温度 / 湿度 双信号输出		4~20mA 负载 R<500 欧 0~10VDC 负载 R>10K 欧 数字输出 MODbus RTU RS485

认证和规范

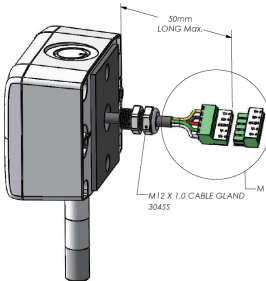
认证	CE, RoHS
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外形尺寸

风管型



墙装型背出线



墙装型 / 室外型

