



FS5

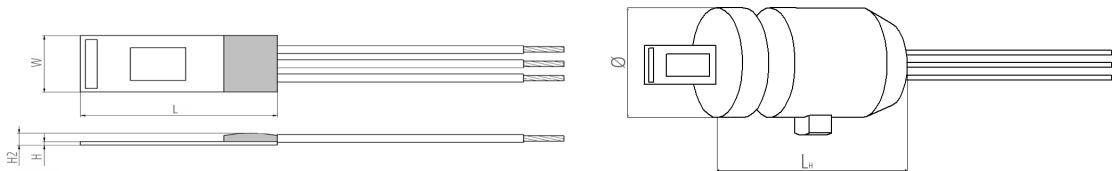
热质量流量传感器

适用于多种气体流量应用，耐温可达150 °C

优势与特点

- 易于集成于多种应用与封装
 - 简单的信号处理
 - 易于校准
 - 无移动结构
 - 出色的重现性
 - 极佳长期稳定性
 - 支持用户订制

外形尺寸¹⁾



1) 实际尺寸参见机械尺寸参数

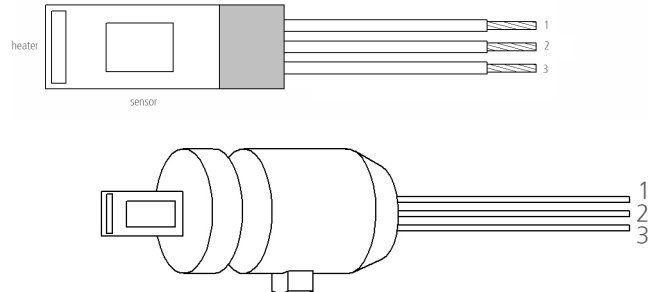
技术参数

尺寸 (L x W x H / H2 in mm):*	6.9 x 2.4 x 0.20 / 0.60 Ø 6.0 (±0.1) mm , L _H = 14 (±0.2) mm (完整尺寸见应用手册)
测量范围：	0 m/s to 100 m/s
响应灵敏度：	0.01 m/s
测量精度：	< 真实值3 % (取决于电路与校准)
响应时间 t ₆₃ :	~160 ms (从 0到10000 sccm)
工作温度范围:*	-20 °C to +150 °C
温度敏感度:	< 0.1 %/K (取决于电路设计)
连接方式:*	3 pins, AWG 30/7, 绞线,PTFE绝缘
加热器:*	R _H (0 °C) = 45 Ω ±1 %
参考器件:*	R _s (0 °C) = 1200 Ω ±1 %
电压范围(标称值):*	2 V to 5 V (at Δ T = 30 K (0 m/s ≤ v _{gas} ≤ 100 m/s)
加热器最大电压:*	3 V (at 0 m/s)
其他结构:*	模压塑料外壳

* 可接受客户定制



管脚定义



1	2	3
加热器	温度传感器	GND

产品照片



订购信息- 3 pins, 绞线, AWG 30/7, PTFE绝缘

尺寸 (L x W x H in mm)	无塑料外壳	有塑料外壳
6.9 x 2.4 x 0.20	FS5.0.1L.195	
订货号	103661	
订货号 (旧)	050.00127	
Ø 6.0 (±0.1) mm, L = 14 (±0.2) mm		FS5.A.1L.195
订货号		103662
订货号 (旧)		050.00128

更多电子电路

	文档名 :
Module:	DFFS_FSL_Module_E

补充文档资料

	文档名 :
Application Note:	AFFS5_E



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