

# 真空传感器 VSP 3000

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## 产品说明

皮拉尼型真空传感器VSP 3000在真空测量时具有优异的耐腐蚀性和机械强度。它主要是为了应用于化学和工艺而设计的。DCP 3000真空规如今也可以支持VSP 3000真空传感器并将其测量范围扩展为常压至 $10^{-3}$  mbar的范围。为方便多点同时测量，DCP 3000真空规可以连接多达8个外接传感器（4个VSK 3000陶瓷薄膜型传感器和4个VSP 3000）。DCP 3000和外部部件的通讯是通过专门开发的VACUU·BUS®总线控制系统。它自动配置参数、使用标准接插头、数据线缆可长达30米。显示界面大且带背光照明，操控使用飞轮设计，轻触飞轮就可以切换不同的传感器读数。

## 性能特点

## 订购信息

产品名称	额定电源电压 工作频率	电源插头类型	订货号
VSP 3000	VACUU·BUS   DC	VACUU·BUS®	20636163

## 货品配置

VSP 3000真空传感器安装完毕，带2米VACUU·BUS®-电缆

## 配件

- 带小法兰的PTFE管（抗静电的） KF DN 16 (20686031)
- 带小法兰的金属真空管 KF DN 16 (20673336)

## 技术指标

测量范围 (mbar)	1000 - $1 \times 10^{-3}$ mbar
测量范围 (torr)	750 - $1 \times 10^{-3}$ torr
测量原理	热阻规 (皮拉尼规), 抗化学腐蚀的塑料/陶瓷
测量的不确定性	指示值的 $\pm 15\%$ , 在0.01-5 mbar/hPa/torr的范围内
真空接头	KF DN 16 小法兰和 DN 6/10 mm 软管喷嘴接头
的允许环境温度范围 (运行)	10 - 40 °C
的允许环境温度范围 (存放)	-10 - 60 °C
最大介质温度 (持续操作)	40 °C
短期内介质温度的最大值	80 °C
外壳材质	具有良好化学耐腐蚀性的坚固的塑料外壳
防护等级	IP 54
防护等级UL50E	Type 5
重量	0.18 kg
NRTL 标准	是
通讯	VACUU-BUS

尺寸规格表



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