



### Reliable

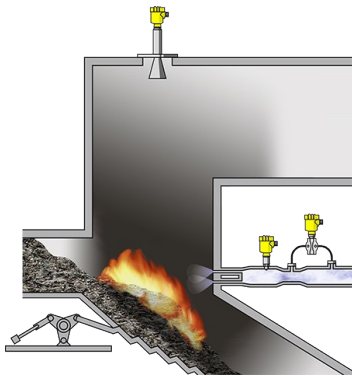
Reliable measurement of the layer thickness and air flow, even at high combustion temperatures

### Cost effective

Continuous operation and uniform combustion

### User friendly

Maintenance-free measurement



## Incinerator

### Measurement of waste layer thickness and air flow in the incinerator

To ensure that the waste burns completely, temperatures up to 1000 °C must be maintained. For this purpose, large amounts of primary air from below and secondary air from above are blown in. Air quantity and air pressure must be precisely measured. Also an optimum waste layer thickness on the combustion grate is required for uniform combustion.

#### 更多细节



### VEGABAR 82

Pressure transmitter for measurement of the combustion air

- High overload and vacuum resistance
- Long-term stability via dry measuring cell
- High measurement accuracy, even with very small measuring ranges

#### 产品细节



### VEGADIF 85

Measurement of flow rate and pressure of the combustion air using differential pressure transmitter

- Exact measurement, even with very small pressure differential
- High overpressure and vibration resistance thanks to integrated overload diaphragm
- Universally applicable, with a wide selection of measuring ranges and process fittings
- High operational reliability through SIL 2/3 sensor

#### 产品细节



### VEGAPULS 6X

Non-contact level measurement with radar in the incinerator

- Accurate measurement and precise feed control
- High plant availability thanks to wear and maintenance-free instrumentation
- Unaffected by smoke, dust and noise

#### 产品细节

PRO

**VEGABAR 82**  
 产品细节

**量程 - 距离**

-

**量程-压力**

-1 ... 100 bar

**过程温度**

-40 ... 150 °C

**过程压力**

-1 ... 100 bar

**测量精度**

0,05 %

**接液材质**

PVDF  
 316L  
 镍基热强合金 C22  
 PP  
 1.4057  
 1.4410  
 Alloy C276 (2.4819)  
 不锈钢 Duplex (1.44562)  
 Titan Grade 2 (3.7035)

**螺纹连接**

≥ G½, ≥ ½ NPT

**法兰连接**

≥ DN15, ≥ ½"

**卫生型连接**

Clamp ≥ 1" - DIN32676, ISO2852  
 管螺栓 ≥ DN25 - DIN 11851  
 hygienic fitting with tension flange DN32  
 hygienic fitting F40 with compression nut  
 DRD connection ø 65 mm  
 SMS 1145 DN51  
 SMS DN38  
 Swagelok VCR screwing  
 Varivent G125  
 Varivent N50-40  
 用于 NEUMO BioControl D50 PN16 / 316L

**密封材料**

EPDM  
 FKM  
 FFKM

PRO

**VEGADIF 85**  
 产品细节

**量程-压力**

-16 ... 16 bar

**过程温度**

-40 ... 105 °C

**过程压力**

-1 ... 400 bar

**测量精度**

0.065 %

**接液材质**

316L  
 钽  
 Alloy C276 (2.4819)  
 Monel

**螺纹连接**

¼ - 18 NPT

**法兰连接**

≥ DN32, ≥ 1½"

**密封材料**

EPDM  
 FKM  
 Copper

**外壳材料**

塑料  
 铝Aluminium  
 不锈钢, 精密铸件  
 不锈钢, 经电解抛光

**保护方式**

IP66/IP68 (0,2 bar)  
 IP66/IP67  
 IP66/IP68 (1 bar)

PRO

**VEGAPULS 6X**  
 产品细节

**量程 - 距离**

120 m

**过程温度**

-196 ... 450 °C

**过程压力**

-1 ... 160 bar

**测量精度**

± 1 mm

**Frequency**

6 GHz  
 26 GHz  
 80 GHz

**Beam angle**

≥ 3°

**接液材质**

PTFE  
 PVDF  
 316L  
 PP  
 PEEK

**螺纹连接**

≥ G¾, ≥ ¾ NPT

**法兰连接**

≥ DN20, ≥ ¾"

**卫生型连接**

Clamp ≥ 1½" - DIN32676, ISO2852  
 管螺栓 ≥ 2", DN50 - DIN 11851  
 Varivent ≥ DN25  
 hygienic fitting with tension flange DN32  
 hygienic fitting F40 with compression nut  
 Hygienic screw connections ≥ DN50 tube ø53 -  
 DIN11864-1-A  
 Hygienic flange connection ≥ DN50 DIN11864-2  
 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-  
 3-A  
 DRD connection ø 65 mm  
 SMS 1145 DN51