



Compressor knockout drum

Reliable

Diverse technologies with comparative output can provide redundant level measurement

Cost effective

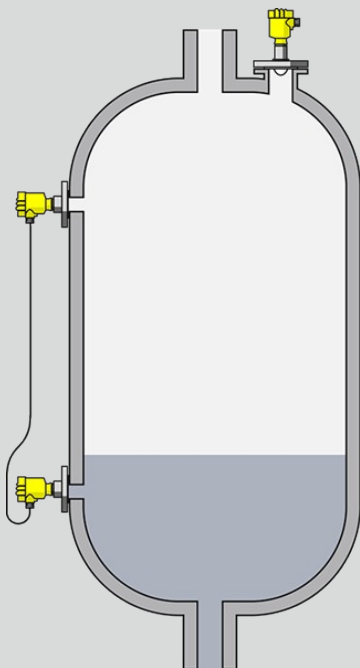
Materials with high chemical resistance reduce maintenance costs

User friendly

Easy installation and setup

Level measurement in the compressor knockout drum

The vapour liquid separation that occurs in a knockout drum protects the waste or cooling stream from process vapours and compressors from water. This crucial measurement point means it requires constant, reliable level monitoring without being influenced by the high volume of vapour inside the vessel. A reliable instrument ensures that there is no water carry-over into the compressor, avoiding the extremely expensive downtime that results from an upset.



VEGAPULS 64

Level measurement with radar in the compressor knockout drum

- Reliable measurement, unaffected by vapour presence
- Easy installation directly in the drum
- Unaffected by changing density



VEGABAR 82

Electronic differential pressure system for measurement redundancy in the compressor knockout drum

- No additional temperature influences because no liquid capillary connection required
- Very good reproducibility and long-term stability
- High resistance diaphragm materials
- Easy installation because no insulation for capillary needed



| VEGAPULS 64 | VEGABAR 82 |
|---|---|
| 量程 - 距离 30 m | 量程 - 距离 - |
| 过程温度 -196 ... 200 °C | 量程-压力 -1 ... 100 bar |
| 过程压力 -1 ... 25 bar | 过程温度 -40 ... 150 °C |
| 测量精度 ± 1 mm | 过程压力 -1 ... 100 bar |
| 型式 带喇叭天线 ø 80 mm Thread with integrated horn antenna Flange with encapsulated antenna system Hygienic fitting with encapsulated antenna system | 测量精度 0,05 % |
| 接液材质 PFA PTFE 316L 镍基热强合金 C22 PEEK | 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 ≥ G¾, ≥ ¾ NPT | 螺纹连接 ≥ G½, ≥ ½ NPT |
| 法兰连接 ≥ DN50, ≥ 2" | 法兰连接 ≥ DN15, ≥ ½" |
| 卫生型连接 Clamp ≥ 2", DN50 - DIN32676, ISO2852 管螺栓 ≥ 2", DN50 - DIN 11851 DRD connection ø 65 mm 用于 NEUMO BioControl D50 PN16 / 316L | 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 | 密封材料 EPDM FKM FFKM |