

#### Reliable

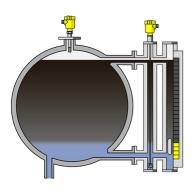
Redundant measurement for highest safety standards

#### Cost effective

Maintenance-free operation

#### **User friendly**

Easy installation



## BTX separators

## Level measurement and point level detection in the BTX separators

Precise interface monitoring in refinery separators is critical to product quality because it confirms there is complete separation. For liquid-liquid interface in a BTX (benzene, toluene, xylene) separator, an accurate measurement helps control the quality of the separator's output and thus helps to extend equipment life in downstream units by avoiding potentially expensive operating issues.

More details



#### **VEGASWING 63**

Vibrating level switch for overfill protection in BTX separators

- High level switch provides redundancy
- Maximum flexibility through switching point adaptable to the application
- Switching point is unaffected by media properties





## **VEGAFLEX 81 and magnetic level indicator**

Guided wave radar sensor and magnetic level indicator for monitoring of the separation layer

- Guided wave radar and magnetic level indicator provide redundancy
- Dual measurement capability provides both total level and interface level
- Continuous reporting increases operational efficiency

**Show Product** 



## VEGASWING 63 Show Product



#### Process temperature

-50 ... 250 °C

#### Process pressure

-1 ... 64 bar

#### Version

Standard

Hygienic applications with gas-tight leadthrough

with tube extension with temperature adapter

#### Materials, wetted parts

PFA 316L

Alloy C22 (2.4602)

Alloy 400 (2.4360)

ECTFE Enamel

#### Threaded connection

≥ G34. ≥ 34 NPT

#### Flange connection

≥ DN25, ≥ 1"

#### Hygenic fittings

Clamp ≥ 1" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851

Varivent ≥ DN25

hygienic fitting F40 with compression nut

SMS 1145 DN51

SMS DN38

Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic flange connection DIN11864-2-A;

DN60(ISO)ø60,3

SMS socket piece DN38 PN6

#### Seal material

no media contact

#### Housing material

Plastic

Aluminium

Stainless steel (precision casting) Stainless steel (electropolished)

## Protection rating

IP66/IP67

IP66/IP68 (1 bar)

IP65

# VEGAFLEX 81 and magnetic level indicator Show Product



#### Measuring range - Distance

75 m

#### Process temperature

-60 ... 200 °C

#### Process pressure

-1 ... 40 bar

#### Accuracy

±2 mm

#### Version

Basic version for exchangeable cable ø 2; ø 4 mm

Basic version for exchangeable rod ø 8 mm

Basic version for exchangeable rod ø 12 mm

Coax version ø 21.3 mm for ammonia application

Coax version ø 21.3 mm with single hole

Coax version ø 21.3 mm with multiple hole

Coax version ø 42.2 mm with multiple hole

Exchangeable rod ø 8 mm

Exchangeable rod ø 12 mm

Exchangeable cable ø 2 mm with gravity weight

Exchangeable cable ø 4 mm with gravity weight

Exchangeable cable ø 2 mm with centering weight

Exchangeable cable ø 4 mm with centering weight

Exchangeable cable ø 4 mm without weight

exchangeable, PFA-coated cable ø4 mm with non-coated centering weight

#### Materials, wetted parts

PFA

316L

Alloy C22 (2.4602)

Alloy 400 (2.4360)

Alloy C276 (2.4819)

Duplex (1.4462)

304L

#### Threaded connection

≥ G3/4, ≥ 3/4 NPT

## Flange connection

≥ DN25, ≥ 1"

#### Seal material

EPDM

FKM

FFKM

Silicone FEP coated

Borosilicate glass

#### Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

