

#### Reliable

Measurement optimizes pump usage via pump control functions

## Cost effective

Pump control ensures energy conservation and long pump service life

### **User friendly**

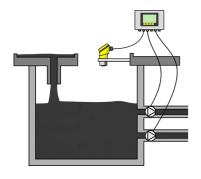
Easy setup and installation

# Sumps

# Sump level control

The level in the sumps around a refinery must be reliably monitored to prevent overfilling and subsequent pollution, or pump overload. Balanced pump utilization is possible thanks to a pump control rotation system integrated into the controller.

#### More details





# **VEGAPULS 21**

Radar sensor for continuous level measurement in sumps

- Very good signal focusing ensures accurate measurement, even in confined spaces
- Reliable measurement, unaffected by condensation on the antenna
- Maintenance-free operation thanks to non-contact measuring principle

# **Show Product**



# **VEGAMET 861**

Controller for continuous lead-lag changeover control of pumps

- Integrated pump control function ensures longer pump service life
- Simple setup and installation reduces installation costs

## **Show Product**



# **VEGAPULS 21 Show Product** Measuring range - Distance

Process temperature

-40 ... 80 °C

Process pressure

-1 ... 3 bar

Accuracy

±2 mm

Frequency 80 GHz

Beam angle

Materials, wetted parts

PVDF

Threaded connection

G1½, 1½ NPT, R1½

Seal material

FKM

Housing material

Plastic

# **VEGAMET 861 Show Product**



**Protection rating** 

IP66/IP67, Type 4X

1 x 4 ... 20 mA/HART sensor input

2x digital input

Output

1 x 0/4 ... 20 mA current output

1x failure relay (instead of operating relay)

4x operating relay

Ambient temperature

-40 ... 60 °C

Measured value memory

Internally

SD card

