

#### Reliable

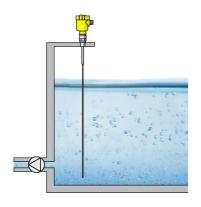
Reliable operation under all operating conditions

# Cost effective

Maintenance-free operation of the plant

# **User friendly**

Simple mounting and setup



# Cooling tower basin

# Cooling tower basin level measurement

At the bottom of the cooling tower there are nozzles for atomizing and cooling incoming hot water. As the heated water is sprayed up inside the cooling tower, it warms the air, which expands, flows upward creating updraft which pulls fresh cold air up through the slatted bottom. Draft eliminators inside the cooling tower cause the cooled water to form droplets and rain back down into the cooling tower basin. The water level in the cooling tower basin must be monitored continuously to optimise use of the circulation pumps and the cooling process.

#### More details



# **VEGAFLEX 81**

Level measurement with guided radar in the cooling tower basin

- Simple, maintenance-free measurement
- High measurement certainty, even in extremely wet conditions, independent of pressure fluctuations
- Proven measuring principle ensures high operational reliability

**Show Product** 



#### PRO

# **VEGAFLEX 81**

#### **Show Product**



#### Measuring range - Distance

#### 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

≥ G¾, ≥ ¾ 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)

