



Stripping column for landfill leachate

Reliable

Reliable measurement despite joints and deposits in the bypass tube

Cost effective

Precise measurement for efficient operation of the reactor

User friendly

Simple installation and setup

Level measurement in a stripping column

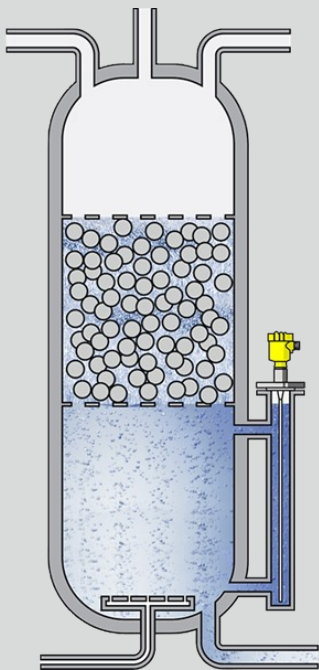
In the stripping column process, the nitrogen and carbon compounds are decomposed by various microorganisms. Special carrier materials are packed in the central part of the reactor, which improve the biochemical reaction processes. To ensure an optimal operating point inside the stripping column, an exact level measurement at the base of the column is required. Because the surface of the medium in the reactor is very turbulent due to air flowing in from below, the level measurement has to be carried out in a bypass tube.



VEGAFLEX 83

Level measurement with guided radar inside the bypass tube of the stripping column

- Reliable and accurate measurement, even under difficult process conditions, including changing product properties
- Easy retrofit to existing installations
- Easy setup and commissioning without full and empty adjustment





VEGAFLEX 83

Measuring range - Distance

32 m

Process temperature

-40 ... 150 °C

Process pressure

-1 ... 16 bar

Accuracy

± 2 mm

Version

Rod ø 10 mm, PFA-coated

Exchangeable rod ø 8 mm, polished

Exchangeable rod ø 8 mm, electropolished

Exchangeable rod ø 8 mm, electropolished, can be autoclaved

Cable ø 4 mm with gravity weight, PFA-coated

Materials, wetted parts

PFA

316L

TFM-PTFE

Flange connection

≥ DN25, ≥ 1"

Hygienic fittings

Clamp ≥ 2", DN50 - DIN32676, ISO2852

Clamp ≥ 3", DN65 - DIN32676, ISO2852

Slotted nut ≥ 1½", ≥ DN40 - DIN 11851

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

Hygienice flange connection ≥ DN50 DIN11864-2

Swagelok VCR screwing

Hygienic collar clamp ≥ DN33 - DIN 11864-3

Safety ingold

Seal material

EPDM

FKM

FEPM

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)