

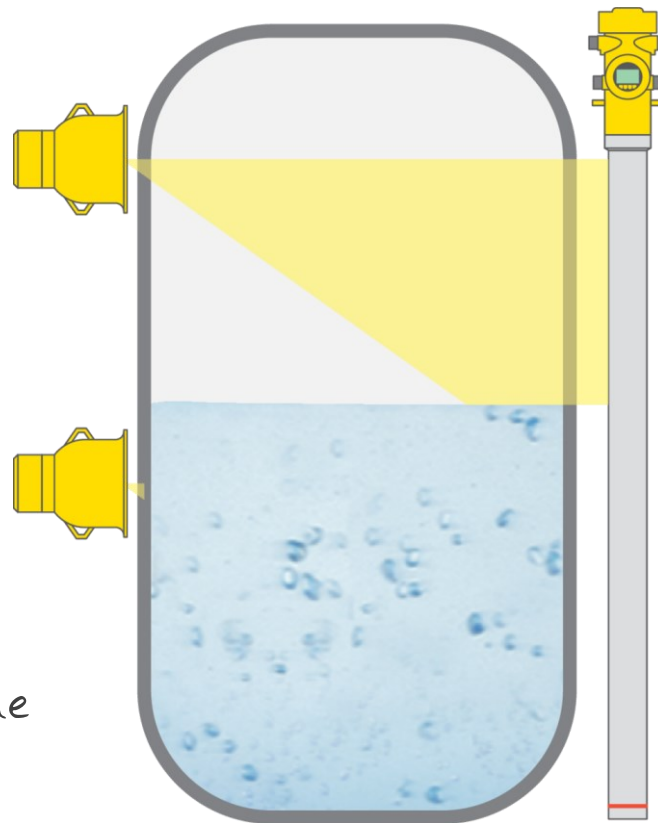


# Radiation-based instrumentation

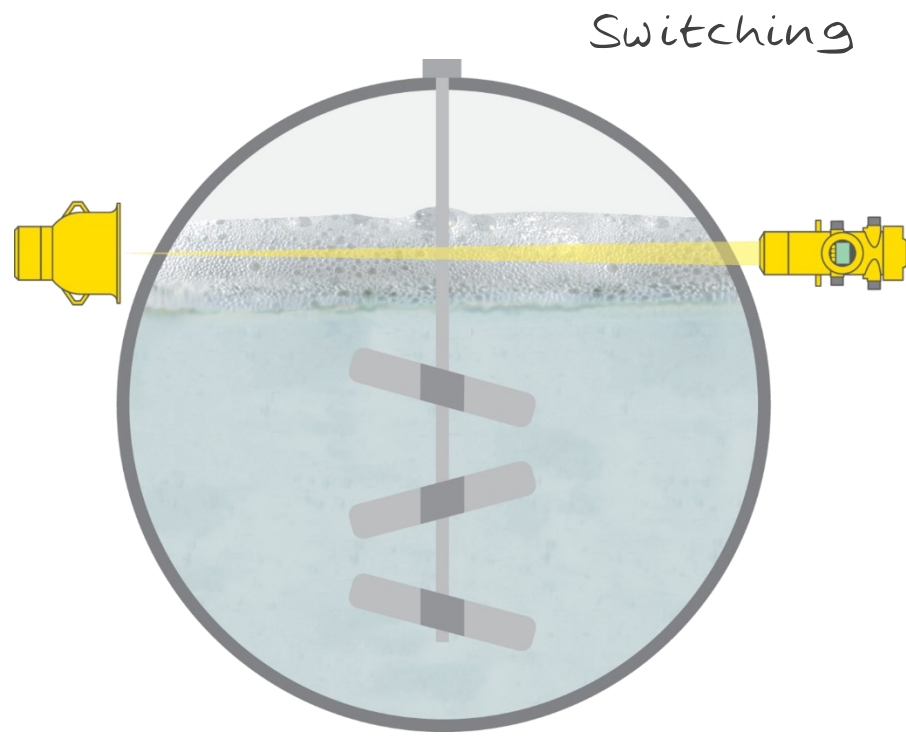
How does the radiometric measuring principle work?

# The radiometric measuring principle

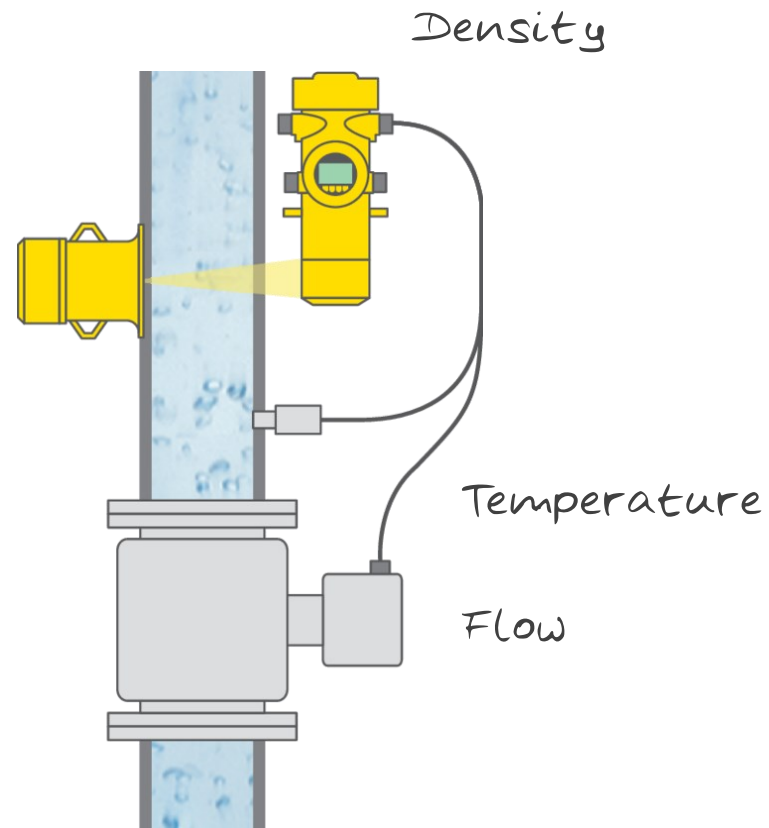
Safe & reliable



The detector calculates the filling level on the basis of the incoming radiation

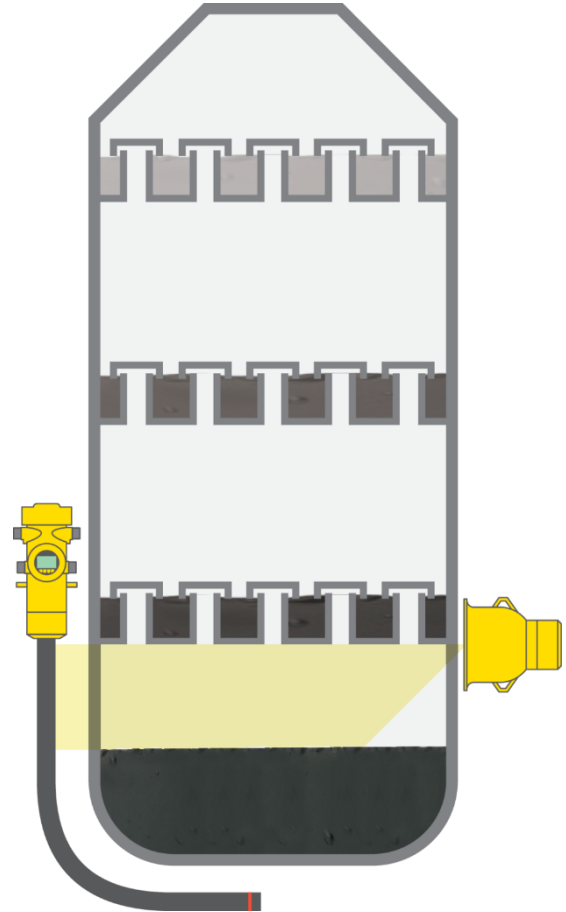


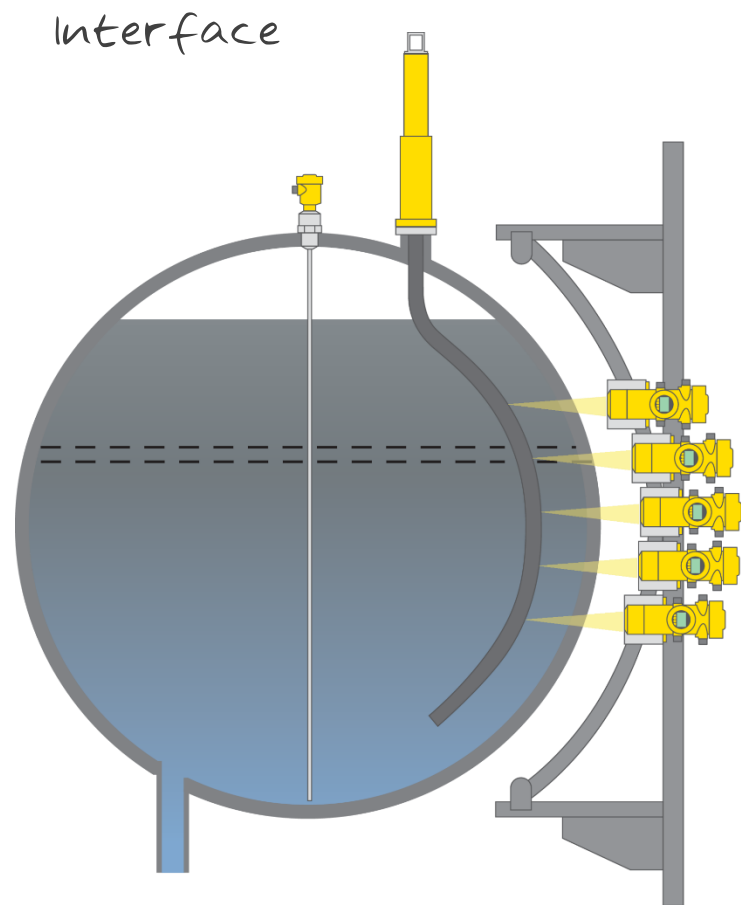






Level





Which sensor is the right one for your application?



# MINITRAC 31

## Density measurement



Small, compact sensor delivers  
exact measuring results

# Practical example

## Density measurement



# Practical example

Mass flow measurement



# MINITRAC 32

Density measurement for fracking applications



*Small, compact sensor delivers  
resistant against extreme vibrations*



# Fracking applications

- Density measurement in high pressure lines.





# Fracking applications

- Density measurement in blenders



# SOLITRAC 31

Level measurement



Top measuring performance thanks  
to FVT detector with very high  
sensitivity

# Practical example

## Level measurement



# FIBERTRAC 31

## Level measurement

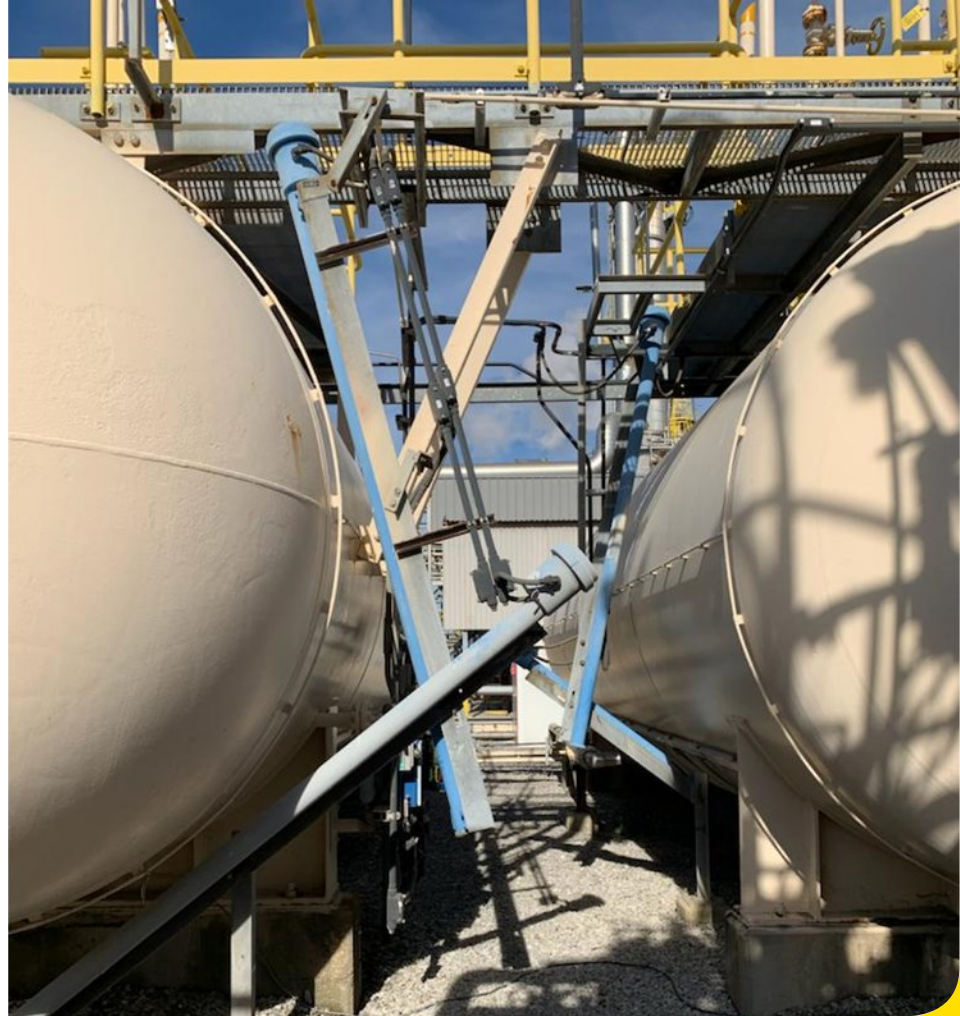


Up to 7 m measuring  
range

Simple installation on round and  
conical tanks



Fibertrac





Fibertrac



# POINTRAC 31

Point level switch



*Cost-effective point level detection  
under harsh operating conditions*



# Practical example

## Point level detection



# VEGA Radiometry Equipment

## smart-sensors



density



point level



continuous level  
(solid 3m)



continuous level  
(flexible 7m)

Source holders



# VEGA Radiometry Equipment

source holders for external & internal sources



Questions

