



Reliable

Non-invasive measurement ensures high plant availability

Cost effective

Lightweight design reduces mounting costs

User friendly

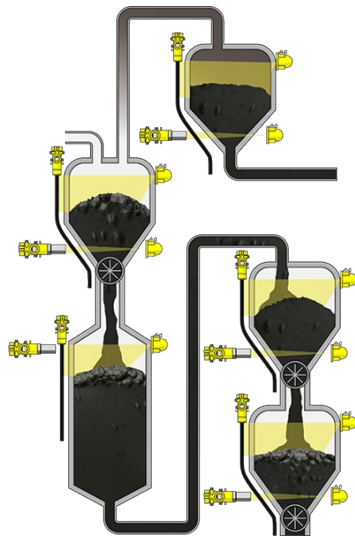
External mounting does not interrupt the process

Continuous catalyst regeneration

Level measurement and point level detection of catalyst

Platformers and reformers, both catalyst-based processes, require “fresh” catalyst at a given point in their cycle. To provide fresh catalyst without shutting down the process, a continuous catalyst regeneration unit can be installed. This unit regenerates the spent catalyst so that it can be used again. Maintaining the proper level in the vessel ensures that the expensive catalyst is used at the highest level of efficiency without waste.

[More details](#)



POINTRAC 31

Radiation-based sensor used as point level switch for catalyst regeneration reactor measurement

- Thanks to lightweight sensor design, no special mounting equipment is required
- Compact and lightweight detector mounts easily
- Secure and reliable level measurement thanks to non-contact measuring technique, ideal for all process conditions

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Radiation-based sensor for continuous level measurement

- Simple function test during operation reduces down time and resulting costs
- Secure and reliable level measurement thanks to non-contact measuring method
- Long detector length up to 7 m minimizes the need for additional platform construction

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Measuring range - Distance

-

Process temperature

-40 ... 60 °C

Process pressure

-

Materials, wetted parts

No wetted material

Seal material

no media contact

Housing material

Aluminium
 Stainless steel (precision casting)

Protection rating

IP66/IP67

Output

Profibus PA
 Foundation Fieldbus
 8/16 mA/HART - four-wire

Ambient temperature

-40 ... 60 °C

PRO

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Measuring range - Distance

7 m

Process temperature

-

Process pressure

-

Accuracy

± 0.5 %

Density

Density

Materials, wetted parts

No wetted material

Threaded connection

Mounting from outside via supplied mounting brackets

Seal material

no media contact

Housing material

Aluminium
 Stainless steel (precision casting)

Protection rating

IP66/IP67