



#### Reliable

Non-invasive measurement ensures high plant availability

#### Cost effective

Lightweight design reduces mounting costs

#### User friendly

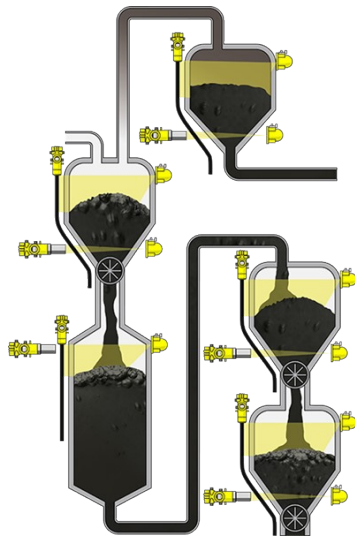
External mounting does not interrupt the process

## 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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#### FIBERTRAC 31

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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PRO

**POINTRAC 31**  
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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