



**Reliable**

Redundant measurement for maximum security

**Cost effective**

No additional process fittings on the tank necessary

**User friendly**

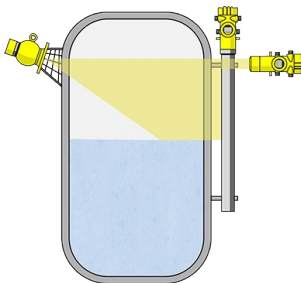
Maintenance-free and reliable in operation

## Storage tanks for highly toxic liquids

### Level measurement and point level detection in highly toxic media

For extremely toxic substances such as phosgene, absolute control over the process is a necessity. In industrial applications, these products are only used in hermetically closed circuits. To minimize the inherent risks, independent protection devices form an integral part of the tank equipment. Moreover, it is important to keep the number of tank openings as small as possible. An external level measuring system that includes point level detection is ideal for such situations.

[More details](#)



#### SOLITRAC 31

Radiation-based sensor for continuous level measurement in storage tanks for highly toxic substances

- Maximum safety and process integrity, regardless of media properties
- No container opening required, the measurement is carried out on the outside of the tank
- Maintenance-free operation, no wetted parts

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#### MINITRAC 31

Radiation-based level detection for overflow or dry run protection in storage tanks for highly toxic substances

- Reliable monitoring of the minimum or maximum level, independent of media properties
- No container opening required, the measurement is carried out from the outside through the container wall
- Maintenance-free operation, no wetted parts

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#### VEGASOURCE 31

The source holder is used to hold and secure the radioactive source

- Small footprint and simple installation
- Operational reliability through pneumatic opening and closing of the source container
- Trustworthy shielding allows use without control area

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PRO

PRO

**SOLITRAC 31**  
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**Measuring range - Distance**  
 3 m

**Process temperature**  
 -

**Process pressure**  
 -

**Accuracy**  
 $\pm 0.5 \%$ 
**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  
 Four-wire: 4 ... 20 mA/HART

**Ambient temperature**  
 -40 ... 60 °C

**MINITRAC 31**  
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**Measuring range - Distance**  
 -

**Process temperature**  
 -40 ... 60 °C

**Process pressure**  
 -

**Accuracy**  
 0.1 %

**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  
 Four-wire: 4 ... 20 mA/HART

**Ambient temperature**  
 -40 ... 60 °C

**VEGASOURCE 31**  
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**Ambient temperature**  
 -20 ... 80 °C