

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

Show Product



MINITRAC 31

Radiation-based level detection for overfill 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

Show Product



SOLITRAC 31 Show Product	
Measuring range - Distance	
3 m	
Process temperature	
Process pressure	

Accuracy

± 0.5 % Materials, wetted parts No wetted material

Seal material	
no media contact	

Housing material	
Aluminium	

Stainless	steel	(precision	casting)
Stainless	steel	(precision	casting)

Protection rating	
IP66/IP67	
Output	

Output	
Profibus PA	
Foundation Fieldbus	
Four-wire: 4 20 mA/HART	

Ambient temperature -40 ... 60 °C

MINITRAC 31 Show Product



Measuring range - Distance

Process temperature -40 ... 60 °C

Process pressure

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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

