



Reliable

Reliable measuring results even at high process temperatures

Cost effective

Accurate charging of the lime kiln

User friendly

Maintenance-free operation

Lime kiln

Level measurement in the lime kiln

A lime kiln is used to produce quicklime through the calcination of limestone. Here the furnace is filled from the top and the calcined limestone (quicklime) is collected at the bottom of the furnace. Accurate level measurement ensures optimal charging and hence efficient operation of the furnace.

[More details](#)



SOLITRAC 31

Radiometric level measurement in the lime kiln

- Reliable measuring results, independent of media properties
- High plant availability via non-contact measuring method
- Simple, external installation on the kiln

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VEGASOURCE 82

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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Measuring range - Distance
 3 m

Process pressure
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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