



Reliable

Reliable monitoring of belt loading

Cost effective

Measurement enables optimal control of the flow rate

User friendly

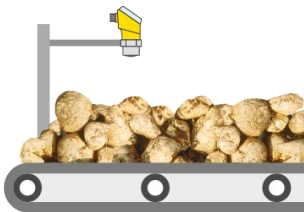
Simple setup and maintenance-free operation

Conveyor belt for sugar beet

Measuring the level of sugar beets on the conveyor belt

The delivered sugar beets are poured from trucks onto conveyor belts that transfer it to the washing and shredding facility. Multiple level sensors are required to monitor the loading of the beet as it goes on the conveyor belt to optimise the feed rate and energy usage.

[More details](#)



VEGAPULS 31

Compact radar sensor for measuring the loading level on the conveyor belt

- Maintenance-free operation through non-contact measuring method
- Reliable measurement independent of weather conditions
- Simple installation and setup

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VEGAPULS 31[Show Product](#)**Measuring range - Distance**

20 m

Process temperature

-40 ... 80 °C

Process pressure

-1 ... 3 bar

Accuracy

± 2 mm

Frequency

80 GHz

Beam angle

8°

Materials, wetted parts

PVDF

Threaded connection

G1½, 1½ NPT, R1½

Seal material

FKM

Housing material

Plastic