



#### Reliable

Reliable monitoring of belt loading

#### Cost effective

Measurement enables optimal control of the flow rate

#### User friendly

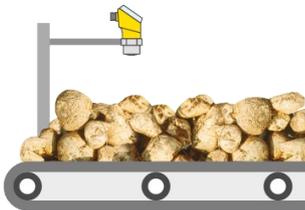
Simple setup and maintenance-free operation

## 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

[Show Product](#)

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

15 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