

## Level limit measurement in bottle snippets

### The challenge



Our customer, from the Russian Federation, recycles bottles. He asked for a level detection in a vessel with snippets to be cleaned with a rinsing solution. The problem is the size of the snippets and the strong deposit build-up of the material. The interface measurement cannot be solved with a rotating probe.

### Our solution

The rotating paddle switches of series RCT3000-3000T have been installed at the top of the vessel. In this, the bottle snippets are cleaned from top, side and side with the rinsing solution. The process temperature is +40° to +80°C. Moreover, a toxic, clean and rough conditions make up further problems. The sensors with peristaltic shaft extension have been installed at different points to ensure an optimised filling of the vessel. The rotating paddle switches are integrated in the management of the filling series. The housing and the process connection made of plastic PPA are resistant to the aggressive and harmful medium of the rinsing solution.



### Products



#### RSE 4001 Peristaltic Shaft

Full Sensor  
version with peristaltic shaft

- Vertical installation
- Fully adjustable switch point on peristaltic shaft