

## Level limit measurement in a pressurized demand vessel

### The challenge

Our customer was looking for a solution for full and demand detection in a pressurized demand vessel for quartz sand. The high pressure combined with the strongly abrasive material requires a mechanically robust and tightly sealed instrument.

### Our solution

The UHF stainless-steel detector RDT0900-10000 is suitable for such difficult applications. In particular, the pressure resistant coating of the exterior tube together with special shaft sealing rings and multiple shaft bearings ensure the high mechanical durability of the instrument.



### Products



#### RDT 0900 Horizontal Tube Extension

Full, Demand, Empty Detector  
Protection tube version

- Horizontal, vertical and diagonal installation
- Extremely robust due to protection tube, able to withstand heavy mechanical load