

RF3300 high temperature version for ash economizer process fogger



The Challenge

The operator of a coal-fired power plant in China is looking for reliable life detection in a economizer process fogger. The particular challenge was the high process temperature combined with the very strong mechanical impact and hot environment.

Our Solution

The application was solved with a capacitive probe RFline 3300. The RF probe can be used in process temperatures up to 500 °C. The product contacting probe shafts are dust- and pressure-tight. The high sensitivity of the test switch results in a reliable and fast feedback of the process status. From a product Dk value of 1.5 the RF3300 can be used with 50 µm, one is for above it, so here also functional and process safety is ensured. All in all, the perfect probe for level measurement in 50 µm.



Products



RF 3300

RF3300 High Temperature Version

Fall, Demand, Empty Detection

- Suitable for process temperatures of up to 500°C

Shell available as

- Flap version (vertical, horizontal, oblique installation)
- Cable version (vertical installation)

Both versions are available in remote version (i.e. for use in applications/processes with heavy vibrations).