

Level limit measurement in wood chips at high temperature

The Challenge



At the moment a Power Plant in the region of Slovakia, uses level limit in order to replace imported gas. The fuel is a mixture of wood chips and fuel. The access point was built in 1990 and has been the first access generator in Slovakia. The level detector in the storage silo required a reliable level control system. The modern plant also allows the process of recycling fuel/wood combustion.

Our Solution

The level control is fulfilling the rotating parallel switch of series RCT10000-100000. The sensors resist withstand high temperature and are designed with a special bearing and sealing. Also a motor with an increased turning moment belongs to the equipment. This prevents damages of the fuel-silo itself. With this special construction a reliable function of the whole plant is guaranteed. The system is maintenance free.



Products



RCT 1004 Horizontal Tube Extension

Fuel, Demand, Grains Detector
Protection tube version

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