

APPLICATION INFORMATION N° 203
OIL & GAS INDUSTRY



Trimod'Besta

Application in the Oil & Gas Industry
Inert gas production on ships, Netherlands

Application

On tankers inert gas is being pumped into the cargo tanks during off-loading of flammable liquids. The inert gas controls the environment and prevents the formation of a combustible substance. It is produced on board the tankers by burning kerosene or exhaust gases inside an inert gas generator. Within the inert gas generator, Trimod Besta level switches are installed as high and low alarm switches in seawater tanks where soot particles and water soluble substances are washed out of the gas.

On FPSOs (floating production storage and offloading vessels) the inert gas generator is typically made of special steel 904L or SMO 254. In the application you see below, the Trimod Besta level switch is installed into a customized stainless steel float chamber.

Conditions

- Ambient temperature and pressure (max. 0.15 bar)
- Saltwater spray



Customized stainless steel float chamber with Trimod Besta level switch for low level alarm.

Installed level switch types

Trimod Besta level switches type
A 01 041 and DB 01 04



Test actuator type 2385 (option)
Allows a periodic manual function check of
the level switch in operating status.

