

Demand Moore Reliability

Using the STA as a Safety Shutdown Device

A multinational chemical manufacturer provides ethylene and converts it into polyethylene and polypropylene plastic resins. Part of the production involves using a temperature transmitter for monitoring.

An STA Safety Trip Alarm is connected to the temperature transmitter and used as a SIL-rated Safety Shutdown device. If the temperature rises above a certain level, the STA will trigger an alarm to alert personnel and automatically trigger a shutdown.

