

API-Cecom Group *n'fo*

Technical & Application Note A155

Application: Separate monitoring and control system functions

Type of Company: Pharmaceutical Manufacturer

Location: Illinois

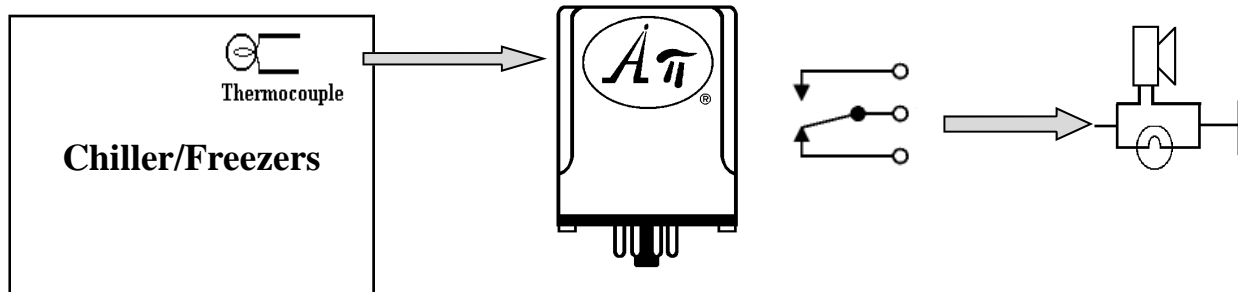
Problem: The company is using the Emerson Process (formerly Fisher/Rosemount) Delta V automation management system to control the plant manufacturing system. The HVAC engineers want to separately monitor temperature for the chillers and freezers but the plant engineer does not want the responsibility of monitoring these temperatures for an out of range condition in his BAS from the non validated HVAC temperature sensors. The monitoring (alarming) system must not be overly expensive, must have excellent accuracy but must not be complex.

Solution: API furnished the customer an API 1220 G. The API 1220 G accepts a thermocouple input and gave the customer two independent relay outputs.



API 1220 G

Thermocouple Input
Dual Alarm Trip



Contact Tom  for ordering or tech assistance
sales@api-usa.com or 1-800-942-0315