

API-Cecomcomp Group *n'fo*

Technical & Application Note C152

Application: Monitoring natural gas pressure in piping systems
Type Of company: Equipment Manufacturer
Location: Massachusetts

Problem: The customer manufactures a portable pressure monitoring device. This is a battery powered instrument that is used by the regulator maintenance technician to monitor natural gas pressure in a piping system while either corrective or preventative maintenance is performed on regulating valves. The regulator maintenance technicians want a digital readout of the pressure with the ability to enter alarm limits. They also require both a visual and an audible alarm to indicate any deviation from the operator specified pressure levels in the pipeline system while performing the regulator maintenance.

Note: For additional information on natural gas pipelines see http://en.wikipedia.org/wiki/Pipeline_transport

Solution: The customer purchased an F16ADA. The F16ADA gives the customer both a visual indication scaled in operator selected engineering units and a relay output to power the audible alarm and can be powered by a 12 VDC battery.



F16ADA

Digital Pressure Gauge with Alarms



Benefits of API's solution:

- Accurate monitoring of pressure
- Relay alarm contact output
- Rugged operation
- Use a standard product

Cecomcomp Unique Feature




Bi-Color Alarm LEDs

The Cecomcomp alarm family provides alarm status indication via a bi-color LED for each setpoint. The LED indicates **green** for a non-alarm condition and **red** for an alarm condition whether or not the unit is configured for normal acting or reverse acting. For system setup, testing, and troubleshooting, the test pushbutton can be used to toggle the state of the alarm relays. This allows them to be switched to their opposite state on demand without the need to vary the system pressure to test devices connected to the alarms

To find your local representative:

www.api-usa.com/api_rep_map.php

FREE FACTORY APPLICATION ASSISTANCE
Contact  Customer Service
Where People Answer The Phone
www.api-usa.com
800-942-0315



[API List Pricing Quick Link](#)

Revised 02/2012