

**CATEGORY:**

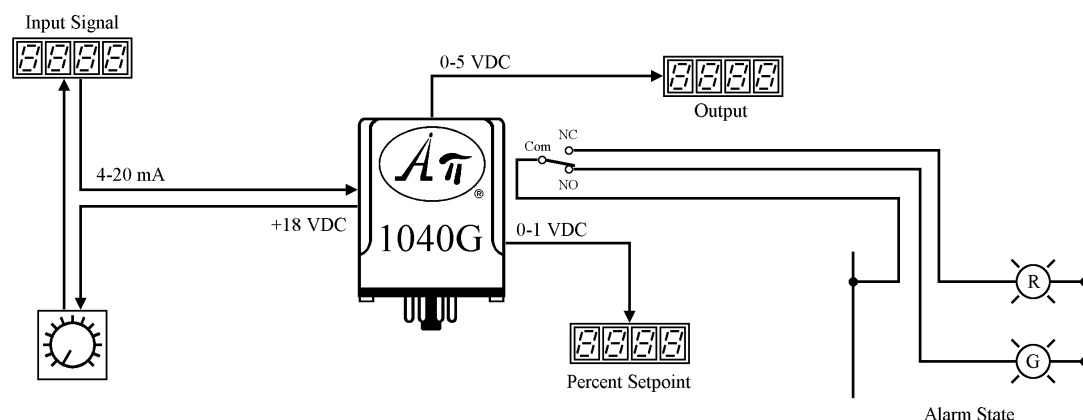
- ☐ Temperature
- ☐ Pressure
- ☐ Flow
- ☐ Speed
- ☐ Weighing
- ☐ Other

**DC TRANSMITTER WITH ALARM****PROBLEM:**

A 4-20 mA signal from a process must be converted to a 0-5 VDC signal and an alarm condition indicated if it exceeds a critical value. An indication of the setpoint is also required.

**SOLUTION:**

An Api Model 1040G Non-Isolated DC to Single Alarm with DC Transmitter module is used to provide the necessary signal conversion and alarm trip function and to provide the power for the input current loop.



The Api 1040G SPR option provides a 0-1 VDC transmitted signal indicating the location of the setpoint in percent of span.

**Did You Know ... ?**

Api's standard heavy-duty relay contacts are rated 7A @ 240 VAC (resistive) and can directly control most devices.