

1. GENERAL

1.1 References - General

- .1 Equipment, Products and Execution must meet all requirements detailed in Section 17010.

2. PRODUCTS

2.1 Electronic Panel Instruments

- .1 Provide panel instruments with the following requirements, unless otherwise specified:
 - .1 Analog instruments to be miniature-case drawout type nominally 150mm high by 75mm wide by not more than 350mm deep.
 - .2 Make the operator, tuning and configuration adjustments accessible without disconnecting the instrument from the process.
 - .3 Analog signal indicators to be solid-state, LED or gas-discharge type, including bar-graph displays with not less than 200 segments. Backlit LCD indication is also acceptable.
 - .4 Analog signal inputs to be 4-20 mA VDC.
 - .5 Analog signal outputs to be 4-20 mA VDC into 500 ohms.
 - .6 Galvanically isolate the signal and power supply from the instrument case.
- .2 Panel instruments specified in this section are to be the product of a single manufacturer, and to match and line up to form an integrated appearance and operator interface strategy.

3. EXECUTION

3.1 References - General

- .1 Refer To Section 17010.

END OF SECTION