

Panel-Mounted Instrumentation

Digital instruments for
industrial process temperature measurement

FDX DIGITAL PYROMETER

PART #/DESCRIPTION

605-500-000

- ▶ Multi-point, multi-alloy thermocouple capability.
- ▶ UL listed as intrinsically safe for use in Class 1, Groups C and D environments.
- ▶ Automatic shut-off for battery conservation.

SPECIFICATIONS*

Thermocouples: Operator selectable for J, K, E, and T alloys.

Temperature Scale: Operator selectable to read fahrenheit or celsius.

Resolution: 1 degree, either F or C.

Power Supply: One 9V battery.

Display: 3 1/2 digit liquid crystal.

Thermocouple Channels: 24 channels, both leads isolated.

Operating Temperature: 0°F to 122°F (-18°C to 50°C).

Storage Temperature: -40°F to 150°F (-40°C to 65°C).

Battery Life: 45 hours minimum continuous operation.
Approximately 2500 60-second readings.

Measurement Temperature: -40°F to 1999°F (-40°C to 1093°C).

METER ACCURACYBasic Accuracy**: $\pm 3/8\%$ of span or 6°F (3°C), whichever is greater at ambient temperature of 75°F to 79°F (24°C to 26°C).Reference Accuracy**: $\pm 7/16\%$ of span or 7°F (4°C), whichever is greater at ambient temperature of 68°F to 86°F (20°C to 30°C).

Input Impedance: 5 megohms.

Dimensions: 6 29/64 in. (164 mm) H x 5 23/32 in. (145 mm) W x 4 15/16 in. (126 mm) D. Unit protrudes 1 11/16 in. (43 mm) in front panel and 2 1/4 IN. (57 mm) back from front of panel. Required panel opening with switch, 4 9/16 in. (116 mm) diameter. Maximum panel thickness is 1 3/16 in. (30 mm).

Weight: 2 lbs., 9 oz. (1kg).

* Specifications and design subject to change without notice. See owner's manual for detailed installation and use information.

** Span is defined as total measuring range of instrument, for the alloy being used. For J and K alloys, the span is -40°F to 1999°F (-40°C to 1093°C), for E alloy -40°F to 1515°F (-40°C to 825°C), and T alloy -40°F to 750°F (-40°C to 399°C).



quantity

ENTER PART NUMBER FOR DESIRED ITEM. PLEASE FAX YOUR INQUIRY TO YOUR LOCAL DISTRIBUTOR, OR TO ALNOR.

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