

Thermo-Couple Products Co.

www.tcproducts.com

a division of Marsh Bellofram  
www.marshbellofram.com  
1-800-727-5646

## PYROMETERS

### Description - FDX-SL and FDX-II Pyrometers

Digital Instrumentation for temperature measurement in marine, power generation and industrial applications.

#### Specifications

Thermocouple Channels:

30 common ground

Thermocouples:

Type J, K, E, and T alloys  
(12 to 26 A.W.G.)

Temperature Scale:

Fahrenheit or Centigrade

Resolution:

1 degree,  
Fahrenheit or Centigrade

Range:

32°F to 2502°F  
(0°C to 1372°C)

Input Impedance:

>100 megohms

Display:

6 digit liquid crystal 0.5"  
(12.7 mm) height

Operating Temperature:

32°F to 122°F (0°C to 50°C)

Storage Temperature:

-40°F to 150°F  
(-40°C to 65°C)

Meter Accuracy:

± 3°F (± 2°C)

Dimensions:

6.5"H - 5.85"W - 3.75"D  
(165mm - 149mm - 95mm)

Weight:

2.5 lbs. (1.1kg)

## FDX-SL

Power Supply:

9 to 48V DC; 12 to 30V AC

#### Features

- User-selectable global or individual alloy type
- Temperature scale
- Adjustable Scan Dwell Time
- Multi-point, multi-alloy thermocouple capability
- RS232 Output
- Direct replacement for types FA, FAX, FDX
- Panel template included
- Alarm Relay Output with Silence Feature

## FDX-II

Power Supply:

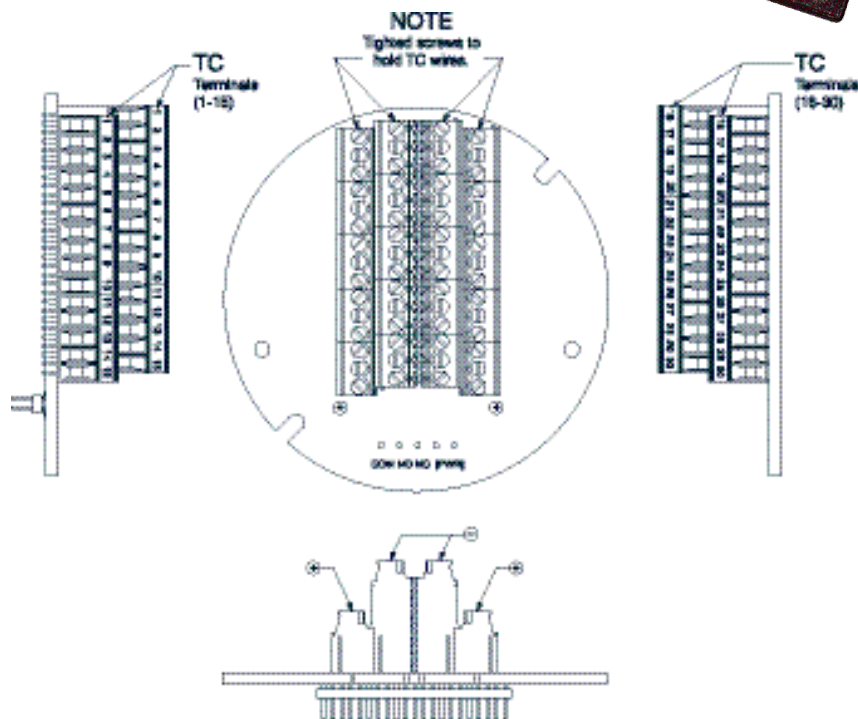
One 9V battery,  
type MN 1604  
or equivalent

Battery Life:

50 Hours

#### Features

- User-selectable global or individual alloy type
- Temperature scale
- Adjustable on-time
- Multi-point, multi-alloy thermocouple capability.
- UL listed as intrinsically safe for use in Class 1, Groups C and D, Division 1 environments
- Automatic shut-off for battery conservation
- Direct replacement for types FA, FAX, FDX
- Panel template included
- Accessories: 9V battery type MN604 or equivalent



#### PYROMETER

Description	Part Number
FDX-II Pyrometer	605-500-020
FDX-SL Pyrometer	605-500-030