

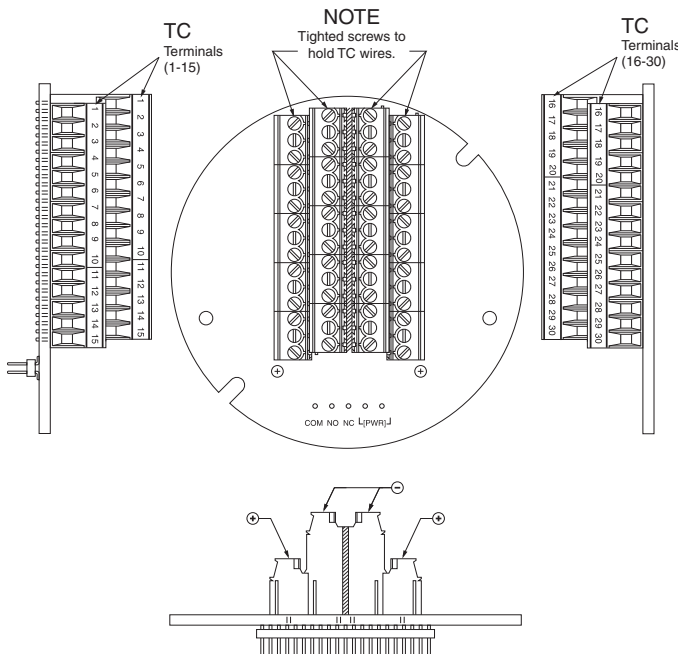
The **FDX-II** is a thermocouple input pyrometer. The unit can measure up to 30 inputs, based on thermocouple alloys J, K, T, or E. The FDX-II has an accuracy of  $\pm 3^{\circ}\text{F}$  ( $\pm 2^{\circ}\text{C}$ ). It is powered by a 9 V battery. The operator selects the channel to view, and uses the arrows to scroll through the additional channels. The FDX-II is designed to fit the footprint of the Model FDX, FA, or FAX for easy replacement.

The **FDX-SL** is a scanning pyrometer. It accepts thermocouple inputs for up to 30 channels. It can be set to Automatic or Manual modes. When in the Manual mode, use the Up and Down buttons to select the channel you would like to view. When in the Automatic mode, the FDX-SL will scroll between the enabled channels. Each channel has high and low alarm capabilities. The FDX-SL is powered on 9–48 VDC or 12-30 VAC, and has an accuracy specification of  $\pm 3^{\circ}\text{F}$  ( $\pm 2^{\circ}\text{C}$ ).

**SPECIFICATIONS**

SAMPLING TIME	500 milliseconds	
THERMOCOUPLE CHANNELS	30 common ground	
POWER SUPPLY	FDX-II	One 9V battery, type MN 1604 or equivalent Battery Life: 50 Hours
	FDX-SL	9 to 48 VDC; 12 to 30 VAC
THERMOCOUPLES	Type J, K, E, and T alloys (12 to 26 A.W.G.)	
RESOLUTION	1 degree, Fahrenheit or Centigrade	
TEMPERATURE	Range	32°F to 2502°F (0°C to 1372°C)
	Operating	32°F to 122°F (0°C to 50°C)
	Storage	-40°F to 150°F (-40°C to 65°C)
TEMPERATURE SCALE	Fahrenheit or Centigrade	
INPUT IMPEDANCE	>100 megohms	
DISPLAY	6 digit liquid crystal 0.5" (12.7 mm) height	
METER ACCURACY	$\pm 3^{\circ}\text{F}$ ( $\pm 2^{\circ}\text{C}$ )	
DIMENSIONS	6.5"H - 5.85"W - 3.75"D (165mm - 149mm - 95mm)	
WEIGHT	2.5 lbs. (1.1kg)	

**WIRING**



Multi-Point Temperature Indicators

**FDX-II**

- 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
- Panel template included
- Accessories: 9V battery type MN604 or equivalent

**FDX-SL**

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

**ORDERING INFORMATION**

MODEL NUMBER	DESCRIPTION
605-500-020	FDX-II Temperature Indicator
605-500-030	FDX-SL Temperature Indicator

Direct replacement for types FA, FAX, FDX

Temperature Indicators // FDX Series