

## Digital Thermometer Type 2400E and 2410E Accuracy ( $\pm 2^\circ$ NSF per C-2)

- **Watertight ultrasonic-sealed case**
- **Solid state design**
- **LED display with  $\frac{1}{2}$ " high numerals**
- **Reverse-polarity protection**
- **Detachable sensors**
- **Retrofits 2" and 2 $\frac{1}{2}$ " vapor thermometers**
- **Accessible zero and span adjustment**
- **NSF approval**
- **UL-recognized power supply**
- **Accuracy  $\pm 2^\circ$ F per NSF C-2**

The Ashcroft® 2400E and 2410E digital thermometers are compact, solid state temperature measurement and display devices. The 2400E measures temperature with a laser-trimmed 2000 ohm RTD contained in a stainless steel probe. The signal from the RTD is conditioned and sent through an analog-to-digital converter and is shown on a LED display.

The unit is powered by 6 Vdc, which is delivered through a power supply that operates on 110 Vac (220 Vac and 24 Vac are optional). When more than one indicator is re-



quired, two thermometers can be operated by one 110 Vac supply. The power supply is UL recognized and the complete unit is NSF approved for class C-2 applications.

### SELECTION TABLE

2400 Table 1 Model		E Table 2 Display		A Table 3 Power Supply <sup>(1)</sup>		080 Table 4 Line Length <sup>(3)</sup>		-40/199°F Table 5		XJ8 Table 6 Options	
Code	Desc.	Code	Desc.	Code	Desc.	Code	Desc.	Range Code	Code	Desc.	
2400	Panel mount	E	LED	A	110 Vac	080	8 feet	-40/199°F	XJ7 <sup>(2)</sup>	2 $\frac{1}{2}$ " mounting plate	
2410	2" Panel mount w/u clamp			B	220 Vac	XXX	Special Length <sup>(4)</sup>	0/250°F	XJ8 <sup>(2)</sup>	2" mounting plate	
				C	24 Vac			-40/120°C			

(1) If power supply is not required change model number 2400 to 2401 or 2410 to 2411.

(2) Not available on 2410 case.

(3) Stainless steel probe dimension, 0.250" dia. x 2.54" long.

(4) Maximum line length is 30 feet.

### TO ORDER THIS TYPE 2400E/2410E DIGITAL THERMOMETER:

#### Select:

	2400	E	A	080	-40/199°F	XJ8
1. Type: Display w/power pack _____	Table 1	_____	_____	_____	_____	_____
2. Display: LED _____	Table 2	_____	_____	_____	_____	_____
3. Power: 110 Vac _____	Table 3	_____	_____	_____	_____	_____
4. Line Length: 8'-00" _____	Table 4	_____	_____	_____	_____	_____
5. Temperature Range: -40/199°F _____	Table 5	_____	_____	_____	_____	_____
6. Option: 2" Mounting Plate _____	Table 6	_____	_____	_____	_____	_____