

# LED DIGITAL THERMOMETERS

FLUSH OR WALL MOUNT  
REMOTE READING - NSF LISTED



Catalog No. ED1759602-96

This economical and versatile LED digital thermometer features a extra large, brightly lit display easily readable from long distances. The case is very compact and attractive, and is ideal for multiple module installations in control packages or special engineering projects. It is also the most popular style used in the food service equipment industry today.

## DESCRIPTION

**CASE:** Dark red acrylic - 2" high x 1 1/4" wide x 7/8" deep.

**MOUNTING:** This instrument may be surface mounted with two #4 screws from the front of the case. To flush mount, cut a .875" x 1.75" opening in the panel and secure with two #4 screws, or use double face tape, top and bottom allowing the center lens (display) to protrude through the opening.

**MOUNTING PLATE:** May be supplied factory flush mounted to a stainless steel electrical handy box cover.

**DISPLAY:** High intensity red L.E.D., .56" high.

**UPDATE TIME:** 4 seconds.

**RESOLUTION:** 1° F.

**ACCURACY:** ± 2°F. To insure accurate temperature readings, the display (case) must be located within ambient (surrounding) temperature limits of -20° to 140° F and the entire sensor must be located completely in the media or chamber to be measured.

**RECALIBRATION:** Furnished standard with an adjusting screw accessed from the rear of the case.

**TEMPERATURE DELAY:** On some installations, such as a refrigerator or walk-in, with a large door, when the door is opened briefly, the instrument will be effected immediately. A delay in the circuit can be furnished to temporarily override the reading. Consult the factory for this feature.

**CONNECTION:** Furnished standard plain, see table for other types.

**CONNECTING LEAD:** Furnished standard with 96" of 5/32" diameter gray PVC covered wire soldered directly to the instrument at the rear of the case. Longer lengths are available up to 1000 feet.

**SENSOR:** Thermistor type, furnished standard with a plain PVC bulb (sensor), 1/4" dia. x 1" long. For other styles, see accessories page.

**POWER REQUIREMENTS:** Furnished standard to operate on 12VAC or 12VDC. Other voltages are available.

**NSF SERVICE:** Many digital thermometers are NSF listed for food service applications. Please specify when ordering.

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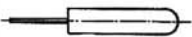


14335 E. NINE MILE RD., WARREN, MI 48089 www.miljoco.com PHONE 586 777-4280 FAX 586 777-7891

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ACCESSORIES

STANDARD RANGES	
RANGE	CATALOG COMPONENT NO.
-40° to 120° F	96
50° to 250° F	56
-40° to 50° C	86
10° to 120° C	87
-40° to 120° F & -40° to 50° C	91
50° to 250° F & 10° to 120° C	57

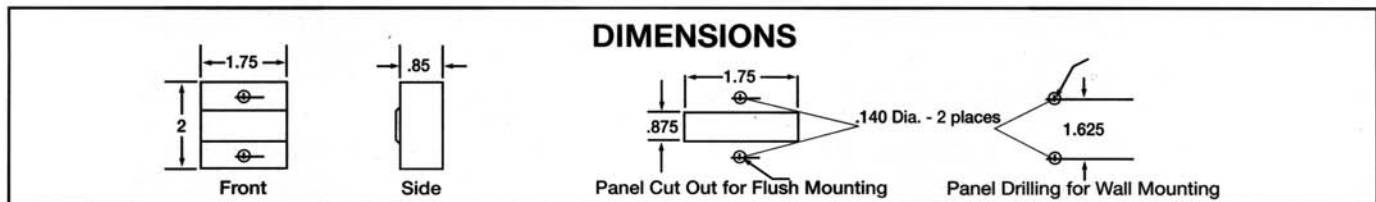
Instruments are normally shipped in fahrenheit or centigrade only. On certain applications, where it is desirable to change from F to C or vice versa one time, a simple switching wire is attached to the rear of the case and when cut, changes the F to C. Specify ED175W for this feature.

SENSORS AND CONNECTING LEADS						
TYPE	SENSOR MATERIAL	SENSOR LENGTH	LEAD MATERIAL	LEAD LENGTH	TYPE CONNECTION	CATALOG COMPONENT NO.
 PLAIN	CU-NI-PLT	1¾"	PVC	8'	PLAIN	02
	PVC	1"	PVC	8'	PLAIN	03
 UNION CONN.	BRASS	2½"	PVC	8'	½" NPT	13
	316 SS	2½"	PVC	8'	½" NPT	15
 SEPARABLE SOCKET	BRASS	2½"	PVC	8'	½" NPT	23
	316 SS	2½"	PVC	8'	½" NPT	25

### HOW TO ORDER:

Quantity 1 Instrument No. ED175 Range No. 96 Sensor No. 02 Lead Length 96"

Complete catalog number: ED1759602-96



### TRANSFORMER

(for ED175 thermometer)

If a 12 volt (AC or DC) power supply is not available, you must use a transformer to operate the instrument. This transformer converts 110 AC to 12 VAC and will supply enough power to operate 1 or 2 instruments at the same time. Catalog No. A61-115.



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