

The Model 598000 is a 3½ or 4½ Digit (user selectable) Process LED Indicator. The Model 598000 can be scaled to display numbers between +1999(9) and -1999(9) proportional to the input signal. Power may be provided by either ac or dc. An optional mounting bracket and NEMA enclosures are available.

DIGITAL INDICATOR 3 ½ or 4½ DIGIT LED DISPLAY

TECHNICAL SPECIFICATIONS

INPUT:

User selectable 4-20 mAdc, 10-50 mAdc, or 1-5 Vdc (or scaled per customer request)

DISPLAY RANGE:

3½ 0 to ± 1999 or 4½ 0 to ± 19999

ZERO ADJUSTMENT:

-1999(9) to 1999(9)

SPAN ADJUSTMENT:

2000(0) Counts

ACCURACY:

± .05% of Reading ± 1 Count

POLARITY:

Automatic: Blank for positive, “-“ for negative.

POWER:

115/230 Vac ±10%, 50/60 Hz or 9-32 Vdc

OPERATING TEMPERATURE:

0-60° C (32-140° F)

DISPLAY:

3½ and 4½ Digits .56 inches High, 7 Segment Red LED

DECIMAL LOCATION (programmable):

3½ XXXX, XXX.X, XX.XX, X.XXX

4½ XXXXX, XXXX.X, XXX.XX, XX.XXX, X.XXXX

UPDATE RATE:

2.5 Readings per Second

OVERRANGE INDICATION:

Overrange: 1

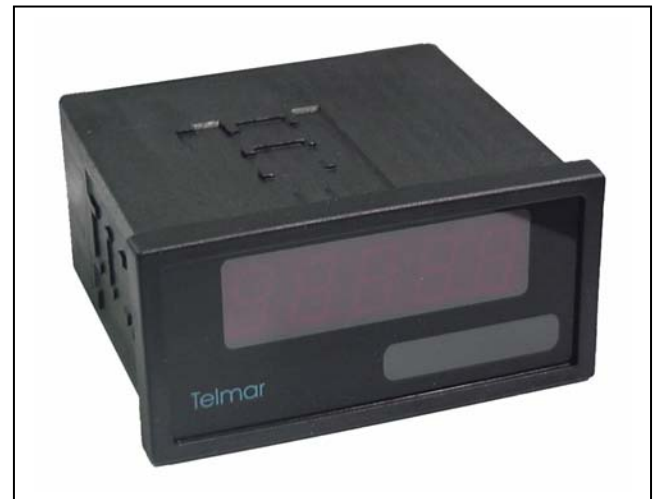
Underrange -1

All Other Digits Blanked

ENGINEERING UNITS:

Customer Specified

e.g., °F, Hz, RPM, PSIG



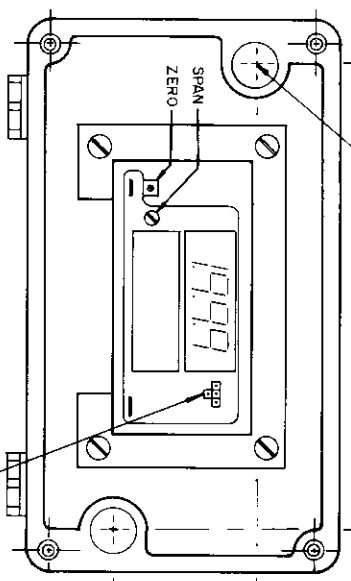
FEATURES

- Powered from 115/230 ±10%, 50/60 Hz Vac Line or 9 to 32 Vdc
- .56" High, Bright LED Display
- Programmable Decimal Points
- Standard DIN Enclosure
- Screw Terminal Barrier Strip for Power and Signal Input

OPTIONS

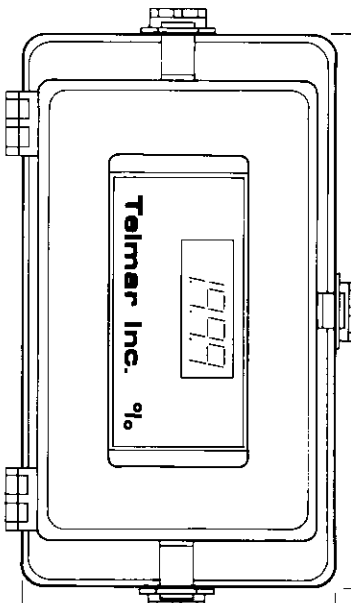
- Bulkhead Mounting Bracket
- NEMA-4X Enclosure-598001
- NEMA 7/9 Explosion Proof Enclosure-598002

6.75
(171)
31 (7.9) DIA MTG HOLE
(2 PLACES)



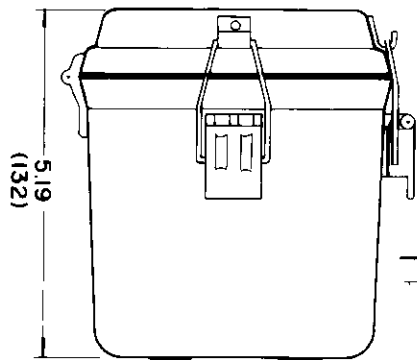
FRONT VIEW
WITH DOOR REMOVED

8.00
(203)

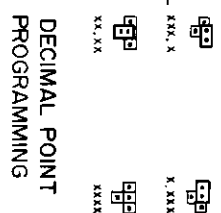


FRONT VIEW

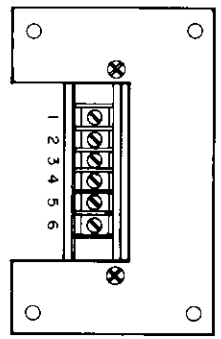
4.50
(114)



END VIEW



DECIMAL POINT
PROGRAMMING



WIRING CONNECTIONS
REAR VIEW

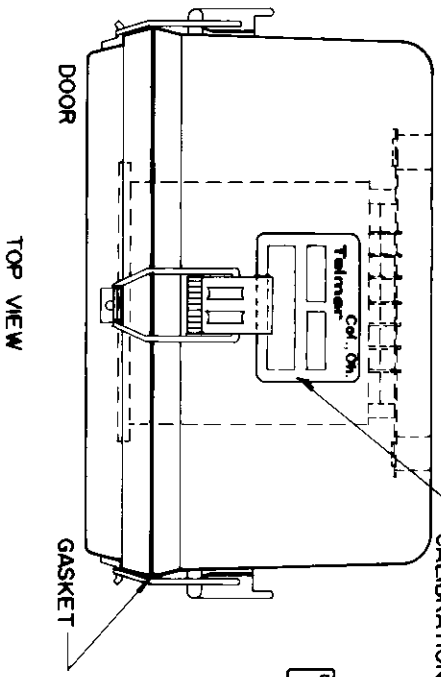
- 6) SIG HIGH (+)
- 5) SIG LOW (-)
- 4) SIG. GND (SHIELD)
- 3) AC GND.
- 2) AC LOW (PWR -)
- 1) AC HIGH (PWR +)

3. NEMA 4X FIBERGLASS ENCLOSURE.

2. ALL DIMENSIONS SHOWN IN PARENTHESES ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

NOTES:

1. HINGED SWING DOWN DOOR OPENS TO 130° MAXIMUM.



TOP VIEW

DWG
C-SD-C-0152

DWG NO
SD-C-0152
REVISIONS

QTY	PART NO	ITEM	DESCRIPTION	ORIG DWG	ITEM
1			Telmar Inc. COLUMBUS, OHIO		
TITLE DIGITAL INDICATOR FOR 598001 NEMA 4X					
DRAWN: R.A.L. DATE: 9-18-86					
CHECKED: R.A.L. DATE: 9-24-86					
APPROVED: DATE:					
MACHINE SIZE FIRST USED ON					
NEXT ASSY: DWG NO: SD-C-0152					