POWERLESS DPMä FOR CURRENT LOOPS & VDC
NEEDS NO POWER SUPPLY FOR VDC & CURRENT LOOPS WITH 10 ENGINEERING UNITS ANNUNCIATORS

MODEL GL-151

ACTUAL SIZE

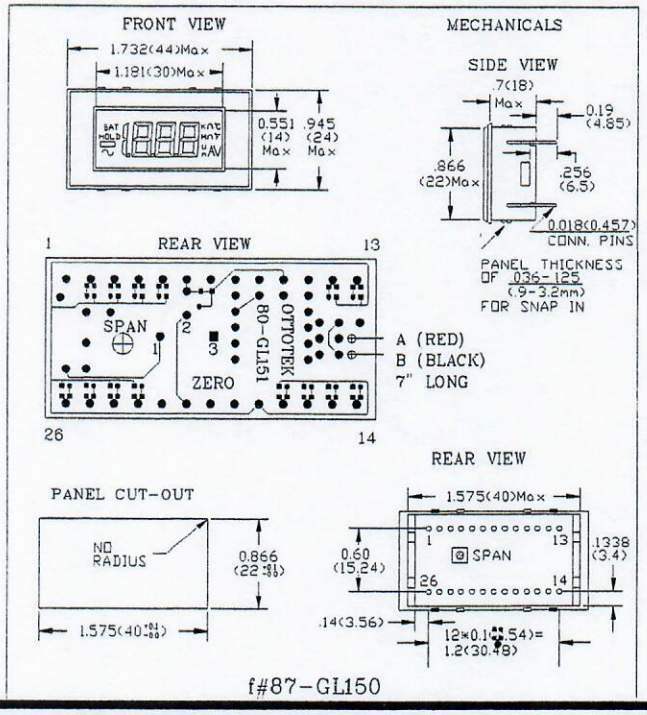
Features
- Large 10mm LCD Digits
- Selectable D.P. & Annunciators
- Panel Snap-in Design
- Needs No Batteries or Power Supplies
- Works from the Signal That It Measures
- Display Hold

CURRENT LOOP

APPLICATIONS:
- Process Current Loop Monitor
- Battery Chargers
- Portable Equipment Voltage/Current Monitor

SPECIFICATIONS @ 25°C

Accuracy and Linearity	±0.5% of F.S. ±1 Digit
Input Protection	200% of F.S. Range
Display Height	10mm (0.4")
Operating Temperature/Storage	0-60°C/-10 to 65°C
Case Material	Polycarbonate 94VO Rated
Voltage Model Burden	2mADC
Min/Max Voltage Input	3.5-20VDC
Min. Annunciator Voltage	4.5VDC
Current Model Burden	3.8 VDC
Min/Max Current Input	2-36mA
Current Loop Zero Adjust	±500 Counts
Span Adjust	±500 Counts



TERMINAL DESCRIPTION

Important Note: All annunciators (except BAT & V) are connected to the backplane (BP) thru P.C. traces to keep them off. To illuminate any annunciator cut the appropriate trace and connect the terminal to the driver pad next to it (XBP) or specify when placing your order (see Ordering Information).

Pin #	Designation	Description (Do Not Connect To Pins Not Listed)
2	°C	°C Annunciator Connect to XBP to Illuminate
3	KΩ	KΩ Annunciator Connect to XBP to Illuminate
4	°F	°F Annunciator Connect to XBP to Illuminate
5	MΩ	MΩ Annunciator Connect to XBP to Illuminate
12	HOLD2	Hold Annunciator Connect to XBP to Illuminate
13	BAT	Low Battery Annunciator
14	D1	Dec. Point 1XX.X Connect to XBP to Illuminate
15	D2	Dec. Point 1X.XX Connect to XBP to Illuminate
16	D3	Dec. Point 1.XXX Connect to XBP to Illuminate
17	~	AC Annunciator Connect to XBP to Illuminate
18	XBP	Back Plane Drives the Annunciators
19	BP	Back Plane Connect to All Unused Annunciators
23	µ	Micro Annunciator Connect to XBP to Illuminate
24	A	Amps Annunciator Connect to XBP to Illuminate
25	V	Volts Annunciator Connect to XBP to Illuminate
26	m	m Annunciator Connect to XBP to Illuminate
A	+	Positive Signal Input
B	–	Negative Signal Input

Note: Wrong connections might destroy the GL-151.

ORDERING INFORMATION (11/1/00)

MODEL GL-151 □□□□

INPUT TYPE
- 0 ..... 3-20VDC
- 1 ..... 1-20mADC
- 2 ..... 4-20mADC (1)

NOTE
(1) Standard calibration for voltage and current models is 1:1, for current loop 4-20mA is 000 to 1000 counts.
(2) Custom annunciator modified units cannot be returned for credit.

CALIBRATION (1)
- 0 ..... Standard
- 1 ..... Specify

PREWIRED ANNUNCIATOR (2)
- 0 ..... None
- 1 ..... Specify

DISPLAY HOLD FUNCTION
- 0 ..... None
- 1 ..... Included

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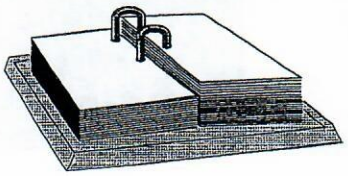

Your Own Notes ☺