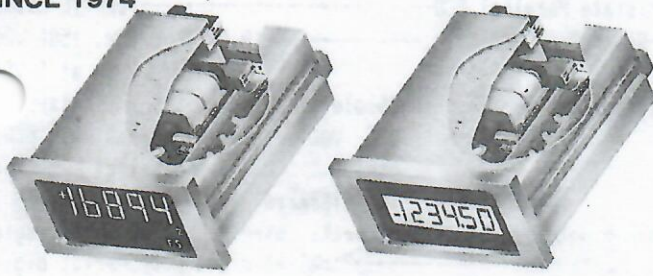


**RESISTANCE INPUT DPM MODEL
MICROCOMPUTER COMPATIBLE 201**



FEATURES

- >SEE PAGE 7 FOR MAINFRAME FEATURES
- >LEAD COMPENSATION TO 100 OHMS
- >2 OR 4 WIRE MEASUREMENT
- >0.01 OHM RESOLUTION/20M OHM FULL SCALE



NOTE: REFER TO PAGE 7 FOR DESCRIPTION OF MAINFRAME AND OPTIONAL PLUG IN FEATURES.

DESCRIPTION

The Model 201 displays and or controls resistance type (ohmic) processes. It can be slide wire potentiometers, temperature, lead resistance, etc., to 0.01 ohm resolution. The ratiometric configuration and precision resistance network eliminates zero and calibration. The 4 wire input (sense) permits up to 100 Ohms lead resistance to source.

SPECIFICATIONS AT 25°C

NOTE: THESE SPECIFICATIONS GOVERN OTHER APPLICABLE SPECIFICATIONS OF MAINFRAMES FOUND ON PAGE 7.

- Input Type-----2 or 4 Wire (Sense Leads) Differential
- Source Current-----200Ω to 2MΩFS, 1mA; 20MΩ, 0.1mA
- Accuracy and Linearity-----+/- 0.05% +/- 1 Digit
- Temperature Coefficient-----50 PPM/°C
- Protection-----To Short Circuit at 5VDC only
- CMRR-----90dB at 60Hz
- Operating/Storage Temperature-----0-60°C/-20 to +80°C
- Analog Output-----0-2 VDC for 0-Full Scale

ORDER INFORMATION

MODEL 201	X	X	X	X	X	X
DISPLAY TYPE	!	!	!	!	!	!
-0--3 1/2 LED w/Dummy Zero----	!	!	!	!	!	CASE
-1--4 1/2 LED-----	!	!	!	!	!	!----0--Plastic---
-2--4 1/2 LED w/Dummy Zero----	!	!	!	!	!	!----1--Metal-----
-3--3 1/2 LCD w/Dummy Zero----	!	!	!	!	!	
-4--4 1/ LCD w/Dummy Zero----	!	!	!	!	!	POWER INPUT
-5--3 1/2 LED-----	!	!	!	!	!	!----0--VDC-----
-6--3 1/2 LCD-----	!	!	!	!	!	!----1--115VAC-----
INPUT RANGE	!	!	!	!	!	!----2--230 VAC-----
-0--200 OHMS-----	!	!	!	!	!	!----3--10 VAC-----
-1--2 K OHMS-----	!	!	!	!	!	!----4--15 VDC-----
-2--20K OHMS-----	!	!	!	!	!	!----5--7-32 VDC---
-3--200K OHMS-----	!	!	!	!	!	
-4--2M OHMS-----	!	!	!	!	!	!----0--None-----
-5--20M OHMS-----	!	!	!	!	!	!----1--BCD--Parallel-----

NOTES:

1. Thumbwheel Switches are available for the Digital Limit Option. Order P/N 89-0213 (+/- 3 1/2) or 89-0215 (+/- 4 1/2).
2. Ranges are switch selectable. Unit shipped with specified range selected.

DIGITAL OUTPUTS

- 8--BCD Encoded-----
- 9--BCD Encoded Opto-Isol----

NOTE: Range is customer selectable by internal dip switch.

EXCITATION & ANALOG OUT

!--0--None-----	6--24 VDC & 0-2mA DC-----
!--1--10 VDC & 0-5 VDC-----	7--1.8mA DC & 0-5 VDC-----
!--2--10 VDC & 0-2mA DC-----	8--1.8mA DC & 4-20mA DC-----
!--3--24 VDC & 0-5 VDC-----	9--1.8mA DC & 20-4mA DC-----
!--4--None & 4-20mA DC-----	
!--5--None & 20-4mA DC-----	

SPECIFICATIONS AND PRICE SUBJECT TO CHANGE WITHOUT NOTICE