

## DM-31



### FEATURES

- 3 1/2 Display (1999)
- Measuring DCV, DCA, ACV, ACA, Frequency, Ohm, RTD
- 4 ~ 20mA, 1 ~ 5V Measurement
- DIN Size 96 x 48mm

### Specifications

Display	3 1/2 (19999) 0.56" (14.2mm), Red LED
Accuracy	DC ± 0.1% RD. ± 1 digits AC ± 0.25% F.S. ± 1 digits Hz ± 0.2% RD. ± 2 digits Ohm ± 0.2% RD. ± 1 digits RTD ± 0.5°C, ± 2 digits
Conversion rate (about)	3/sec. (DC), 1/sec. (AC, Hz, RTD), 6/sec. (Ohm)
Over input indication	"1"
Polarity	Only "-" Display
Frequency temp.	45~400Hz for AC range
Operating temp.	0 ~ 60°C
Storage temp.	-10 ~ 70°C
Temp. coefficient	≤ 100PPM/°C (≤ 60PPM/°C, 25°C ± 10°C)
Max. relative humidity	95%
Dielectric strength	AC 2KV/1 min. (input / power / case)
Surge test	4KV/1.2 x 50μs, IEC 255.4
Aux. power	AC 115V/230V ± 10%. 50/60 Hz DC 24V, 48V, 110V±20% (option)
Power consumption	AC 3.5VA, DC 3W
Weight (about)	320g

### Ordering Information

**DM-31**    (When select E1~EY、P1~PY Please Remark Display Range)

NO.	INPUT TYPE	NO.	VOLTAGE	NO.	CURRENT	NO.	ANALOG	NO.	FREQUENCY	NO.	RESISTANCE	NO.	PT100 Q DIN	NO.	AUX. POWER
D	DC	V1	0~199.9mV	A1	0~199.9μA	E1	DC 4~20mA	P1	0~100Hz	R1	0~199.9Ω	B1	-10~50.0°C	1	AC 115/230V
A	AC	V2	0~1.999V	A2	0~1.999mA	E2	DC 0~10V	P2	0~200Hz	R2	0~1.999KΩ	B2	0~±199.9°C	A	DC 24V
T	AC TRMS	V3	0~19.99V	A3	0~19.99mA	E3	DC 1~5V	P3	0~1KHz	R3	0~19.99KΩ	B3	0~50.0°C	B	DC 48V
O	ANALOG	V4	0~199.9V	A4	0~199.9mA	E4	DC 0~50mV	P4	0~10KHz	R4	0~199.9KΩ	B4	0~100.0°C	C	DC 110V
F	FREQUENCY	V5	0~600V	A5	0~1.999A	E5	DC 0~200mV	P5	0~50KHz	R5	0~1.999MΩ	B5	0~199.9°C	Y	OPTION
R	RESISTOR	VY	OPTION	A6	0~10.00A	E6	AC 0~5A	PY	OPTION	RY	OPTION	B6	0~400°C		
C	RTD PT100Q			AY	OPTION	EY	OPTION	I/P LEVEL 2~30V				BY	OPTION		

