



RISH DPM **Digital Panel Meters**

***Launching
world's most
compact & sleek
Digital Panel Meters***

Sizes : Compact-24 x 48, Sleek-24 x 96, Standard-48 x 96
Ultra BRIGHT RED LED display
Multiple Input ranges
Onsite selection of range
Full Scale adjustment with SPAN pot
Scale adjustment for CT / PT
Onsite decimal point selection
Changeable 'UNIT' sticker on front display
Aux. supply is electrically isolated from measuring circuit
Auxiliary supply: 24V / 110 / 230V AC, 24V DC



Measure, control & record with a difference



STANDARD



48mm x 96mm

RISH DPM

Rishabh Instruments, in technical collaboration with Gossen Muller Weigert, Germany is launching the latest technology Digital Panel Meter series - *RISHDPM*

RISHDPM includes V, A (AC & DC), frequency and temperature with PT 100 and Ni 100 temperature sensor.

RISHDPM series includes 24mm X 48mm the worlds most *COMPACT*, 24mm X 96mm the most *SLEEK* and 48mm X 96 mm standard size digital panel meters.

	DC Voltage			DC Current
Model	48/96 C	48/96 F	24/48 F	48/96 B
Size	48 X 96	48 X 96	24 X 48	48 X 96
Display Range	±1999	±1999	±1999	±1999
Digit Height	14 mm	14 mm	8 mm	14 mm
Selectable input ranges	0...75mV 0...150mV	0...2V 0...20V 0...200V 0...500V	0...0.2V 0...2V 0...20V	0...20mA 4...20mA
Range Selection by	Input Terminals	Input Terminals	DIP Switches	Input Terminals
Decimal Point Position	Selection by external wire	Selection by external wire	Selection by DIP switch	Selection by external wire
Full scale Adjustment range	10% to 100% of 1999 counts	20% to 100% of 1999 counts	10% to 100% of 1999 counts	10% to 100% of 1999 count
Accuracy	0.1% +1D	0.2% +1D	0.2% +1D	0.1% +1D
Power Supply(AC)	24V/110V 230V	24V/110V 230V	—	24V/110V 230V
Power Supply(DC)	24 V	24 V	24 V	24 V
"Hold" function	Yes	Option	—	Yes

RISH DPM

Digital Panel Meter Series...

SLEEK



24mm x 96mm

COMPACT



24mm x 48mm

DC Current / Voltage		AC Current / Voltage	Frequency	Temperature	
24/96 S	24/48 D	48/96 AC	F48/96 AK	48/96 T	
				PT 100	Selectable Ni 100
24 X 96	24 X 48	48 X 96	48 X 96	48 X 96	
±1999	±1999	±1999	±1999	±1999	
8 mm	8 mm	14 mm	14 mm	14 mm	
0...1mA 0...20mA 0...200mA 0...0.2V 0...1V 0...5V 0...25V 0...100V 0...300V	0...10V 0...1mA 0...20mA 4...20mA	0...500V 0...1A 0...5A	12...199.9 Hz 12...500 Hz Wide Input Voltage 80V...700VAC	-100 to 850 °C -100 to 199.9 °C selectable 2 wire / 3 wire / 4 wire	-20 to 130 °C selectable 2 wire / 3 wire / 4 wire
Short link & external wire	DIP Switches	Input Terminals / DIP Switches	Short link	DIP Switches	
Selection by short links	Selection by DIP switch	Selection by DIP switch	Selection by short links	Selection by external wire	
20% to 100% of 1999 counts	10% to 100% of 1999 counts	10% to 100% of 1999 counts	Fine adjustment	± 5% of counts	
0.2% +1D	0.2% +1D	0.5% +1D	0.25% +5D	0.2% +1D	
230V AC	—	24V/110V 230V	24V/110V 230V	24V/110V 230V	
24 V	24 V	24 V	24 V	24 V	
Option	—	—	Yes	Yes	

COMPACT



SLEEK



RISHDPM 24/48 2000D

Compact Digital Panel Meter for measurement of Voltage DC (10V) and Current DC (1mA, 20mA, or 4 to 20mA) with 4 ranges.

The setting of measuring ranges and display range is made by positioning DIP switches. The Full Scale of chosen input range is adjustable from 10% to 100% of Full Scale

FEATURES

- ◆ Display : ± 1999
- ◆ Ultra BRIGHT red LED display
- ◆ Multiple input ranges
0...10V, 0...1mA / 20mA or 4...20mA
- ◆ Onsite selection of range using DIP switches
- ◆ Onsite decimal point selection
- ◆ Full Scale adjustment with SPAN pot
- ◆ Auxiliary supply is electrically isolated from measuring circuit.
- ◆ Auxiliary supply: 24V DC
- ◆ Size : 24 x 48mm
- ◆ "Snap In" Panel Mounting

Applicable Regulations and Standards of RISHDPM

■ Protection Class	Terminals IP20 IEC EN 60 529
■ Front Display	IP50
■ Climatic Class	Class 2 as per VDE/DIN 3540
■ Safety Class	II as per IEC 348 / VDE 0411
■ Device Safety	IEC EN 61010
■ EMC Immunity	DIN EN 61000-4-1 to 4
■ EMC radiated Interference	IEC 61326 class B

Subject to change without notice

RISHDPM 24/96 S

Sleek Digital Panel Meter for measurement of Current DC and Voltage DC with 9 measurement ranges and 230V AC or 24V DC auxiliary supply. Measuring ranges are selectable with the help of short link at the back. The zero and full scale value is adjustable with the help of presets.

FEATURES

- ◆ Display : ± 1999
- ◆ Ultra BRIGHT red LED display
- ◆ Multiple input ranges
0.2V, 1V, 5V, 25V, 100V, 300V
0..1, 20, 200mA
- ◆ Onsite selection of range using short link
- ◆ Onsite decimal point selection
- ◆ Changeable 'UNIT' sticker on front display
- ◆ Full Scale adjustment with SPAN pot
- ◆ Auxiliary supply is electrically isolated from measuring circuit.
- ◆ Auxiliary Supply: 230V AC, 24V DC
- ◆ Size : 24 x 96mm

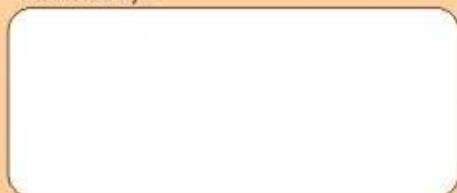
Launching shortly...

RISHDPM F 48/96 CK



- ▶ 4 ½ digit, DC / AC / RMS / TRMS measurement
- ▶ CT/PT ratio programable from front panel
- ▶ Display of %, mV, V, KV, mA, A, Hz, mA, °C, Watts, VAR, ms, ohm
- ▶ Display of nonlinear parameter like $\cos \phi$
- ▶ Option : RS485 / RS 232 serial interface
- ▶ Option : analog output 0...20 / 4...20 mA / 0...10 V
- ▶ Up to 4 potential free relay contacts

Marketed By :



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