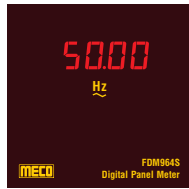




FDM4S



RPM3AS (48x96)  
RPM963AS (96x96)



FDM964S



FDM72x1444SA  
FDM72x1444SB



FDM1444SA  
FDM1444SB

**Specifications**

- **Measuring Method** Interval Measurement Method using Microcontroller
- **Display Type** Red LED (Standard)
- **Maximum Display** 9999 Counts for 4 Digit Meters
- **Resolution** 0.01 to 1 for 4 Digit depending on range  
1 RPM for RPM Meter
- **Decimal Selection** Auto (FDM4S & FDM964S) / Factory Set (For Others)
- **Maximum Overload** Voltage : 1.2 times continuous
- **VA Burden (Typical)** Auxiliary: < 4.5 VA  
Voltage Input : < 0.5VA
- **Faceplate / Lens** Red Antiglare Faceplate with Annunciators
- **Environment** Calibration : 27°C ± 5°C,  
Operating : 0 to 50°C, RH < 70%  
Storage : -10 to 60°C, RH < 70%
- **Dielectric Strength** 2.5 kV at 50 Hz for 1 min. between Input - Auxiliary - Case - Terminals
- **Case / Housing Material** DIN Black ABS, Dimension as per DIN 43700
- **Mounting Clamps** Sturdy, Moulded ABS with suitable Hardware
- **Connectors** Terminal Block : Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals
- **Display Stability** Within ± 2 Digits

Model	Input		Auxiliary Power Supply (any one only)			Accuracy Class			Digits (max.) 4 Digit	Display Digit Height	
			110 / 230V AC	24 / 48 / 110 / 220V DC	Self (#) Powered	±0.05 Hz	± 0.5 Hz	± 2.0 Hz		0.56" / 14.20mm	1.0" / 25.4mm
FDM4S / FDM964S	40 - 5000Hz (Auto Ranging)	20 - 500V AC For 110V AC or 230V AC Aux. Meters For (#) Self Powered Meters Input Variation is ±20% of Aux.	✓	-	✓	✓	✓	✓	✓	✓	-
FDM1444SA			✓	-	✓	✓	-	-	✓	-	✓
FDM1444SB			-	✓	-	✓	-	-	✓	-	✓
FDM72x1444SA			✓	-	✓	✓	-	-	✓	-	✓
FDM72x1444SB			-	✓	-	✓	-	-	✓	-	✓
RPM3AS/ RPM963AS			300-1500RPM for 10 - 50Hz	✓	-	✓	✓	-	-	✓	✓

Dimensions (mm)				
Model	FDM4S RPM3AS	FDM964S RPM963AS	FDM72X1444SA FDM72X1444SB	FDM1444SA FDM1444SB
Front	48 x 96	96 x 96	72 x 144	144 x 144
Depth (Behind Bezel)	88	90	93	72
Panel Cut-Out	44 <sup>(+0.5, -0.0)</sup> x 92 <sup>(+0.8, -0.0)</sup>	92 <sup>(+0.8, -0.0)</sup> x 92 <sup>(+0.8, -0.0)</sup>	68 <sup>(+0.8, -0.0)</sup> x 138 <sup>(+0.8, -0.0)</sup>	138 <sup>(+0.8, -0.0)</sup> x 138 <sup>(+0.8, -0.0)</sup>

**Ordering Information :** Model, Input Frequency Range / RPM Range (for RPM Meter), Input Voltage, Auxillary Supply, Accuracy Class, Digits & Display Digit Height

