



**FDM3AS / FDM72x1444A
FDM72x1444B**



FDM5S



FDM963AS



FDM965S



**FDM1444A
FDM1444B**

Specifications

- Measuring Method** Interval Measurement Method using Microcontroller
- Display Type** Red LED (Standard)
- Maximum Display** 9999 Counts for 4 Digit Meters
99999 Counts for 5 Digit Meters
- Resolution** 0.01 to 0.1 for 4 Digit depending on range
0.001 to 0.1 for 5 Digit Depending on range
- Decimal Selection** Factory set
- 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

Model	Input	Auxiliary Power Supply (any one only)			Accuracy Class			Digits (max.)		Display Digit Height	
		110/230V AC	24/48/110/220V DC	Self Powered	±0.05 Hz	±0.5 Hz	±2.0 Hz	4 Digit	5 Digit	0.56"/14.20mm	1.0"/25.4mm
FDM3AS / FDM963AS	40 - 99.99Hz	✓	-	✓	✓	-	-	✓	-	✓	-
	40 - 999.9Hz	✓	-	✓	-	✓	-	✓	-	✓	-
FDM5S / FDM965S	20 - 99.999Hz	✓	-	✓	✓	-	-	-	✓	✓	-
	20 - 999.99Hz	✓	-	✓	-	✓	-	-	✓	✓	-
	20 - 5000.0Hz	✓	-	✓	-	-	✓	-	✓	✓	-
FDM1444A	40 - 99.99Hz	✓	-	✓	✓	-	-	✓	-	-	✓
FDM1444B		-	✓	-	✓	-	-	✓	-	-	✓
FDM72x1444A		✓	-	✓	✓	-	-	✓	-	-	✓
FDM72x1444B		-	✓	-	✓	-	-	✓	-	-	✓

Dimensions (mm)

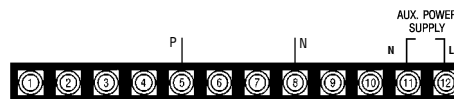
Model	FDM3AS / FDM5S	FDM963AS / FDM965S	FDM72X1444A FDM72X1444B	FDM1444A FDM1444B
Front	48 x 96	96 x 96	72 x 144	144 x 144
Depth (Behind Bezel)	88	90	130	59
Panel Cut-Out	44(+0.5, -0.0) x 92(+0.8, -0.0)	92(+0.8, -0.0) x 92(+0.8, -0.0)	68(+0.8, -0.0) x 138(+0.8, -0.0)	138(+0.8, -0.0) x 138(+0.8, -0.0)

Ordering Information : Model, Input Frequency Range, Input Voltage, Auxillary Supply, Accuracy Class, Digits & Display Digit Height

Terminal Connection



FDM3AS/FDM963AS
FDM5S / FDM965S



FDM72x1444A, FDM1444A



FDM72x1444B, FDM1444B