



FDM3AS / FDM72x1444SA
FDM5S / FDM72x1444SB



RPM3AS



RPM963AS



FDM963AS
FDM965S



FDM1444SA
FDM1444SB

Specifications

- | | |
|---|--|
| <ul style="list-style-type: none"> ● 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
1 RPM for RPM Meter ● 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 | <ul style="list-style-type: none"> ● 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.)		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	20 - 500V AC For 110V AC or 230V AC Aux. and For Self Powered Input variation is ± 20% of Aux.	✓	-	✓	✓	-	-	✓	-	✓	-
	40 - 999.9Hz		✓	-	✓	-	✓	-	✓	-	✓	-
FDM5S / FDM965S	20 - 99.999Hz		✓	-	✓	✓	-	-	-	✓	✓	-
	20 - 999.99Hz		✓	-	✓	-	✓	-	-	✓	✓	-
	20 - 5000.0Hz		✓	-	✓	-	-	✓	-	✓	✓	-
FDM1444SA	40 - 99.99Hz		✓	-	✓	✓	-	-	✓	-	-	✓
FDM1444SB			-	✓	-	✓	-	-	✓	-	-	✓
FDM72x1444SA			✓	-	✓	✓	-	-	✓	-	-	✓
FDM72x1444SB		-	✓	-	✓	-	-	✓	-	-	✓	
RPM3AS / RPM963AS	300 - 1500RPM for 10 - 50Hz		✓	-	✓	✓	-	-	✓	-	✓	-

Dimensions (mm)				
Model	FDM3AS / FDM5S RPM3AS	FDM963AS / FDM965S 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 ^(+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, RPM Range (for RPM Meter), Input Voltage, Auxiliary Supply, Accuracy Class, Digits & Display Digit Height

