



RDMF404896



RDMR404896



RDMR409696



RDMF509696



RDMF401414

Specifications

- # Measuring Method Interval Measurement Method using Microcontroller
- # Display Type Red, 7 Segment LED super Bright Display
- # 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
- # V A Burden(Typical) Auxiliary : <4.5VA
Voltage input : <0.5VA
- # Faceplate / Lens Red Antiglare Faceplate with Annunciators

- # Environment Calibration : 27°C±5°C,
Operating : 0 to 55°C, RH<70%
Storage : -10 to 60°C, RH<70%
- # Dielectric Strength 2.5 kV at 50Hz for 1 min. between
Input - Auxiliary - Case - Terminals
- # Case / Housing Material DIN Black ABS, Dimension as per
DIN 43700
- # Mounting Clamps Sturdy, ABS Moulded with Hardware
- # Connectors Terminal Block : Thermoplastic(UL 94V- 0)
with Tin Plated Brass Terminals
- # Display Stability Within±2 Digits

Model	Input		Auxiliary Power Supply			Accuracy Class			Digits (max)		Display Digit Height	
			110/ 230 VAC	24 /48 /110 /220V DC	Self Powered	±0.05 Hz	±0.5 Hz	±2.0 Hz	4 Digit	5 Digit	0.56"/ 14.2mm	1.00"/ 25.4mm
RDMF404896/ RDMF409696	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		✓	✓	✓	-	✓	-	✓	-	✓	-
RDMF504896/ RDMF509696	20 - 99.999Hz		✓	✓	✓	✓	-	-	-	✓	✓	-
	20 - 999.99Hz		✓	✓	✓	-	✓	-	-	✓	✓	-
	20 - 5000.0Hz		✓	✓	✓	-	-	✓	-	✓	✓	-
RDMF401414	40 - 99.99Hz		✓	✓	✓	✓	-	-	✓	-	-	✓
RDMF407214		✓	✓	✓	✓	-	-	✓	-	-	✓	
RDMR404896/ RDMR409696	300 -1500RPM for 10 - 50Hz		✓	✓	✓	✓	-	-	✓	-	✓	-

Dimensions(mm)				
Model	RDMF404896/ RDMF504896	RDMF409696/ RDMF509696	RDMF407214	RDMF401414
Front	48 X 96	96 x96	72 x144	144 x 144
Depth (Behind Bezel)	88	90	110	110
Panel Cut-Out	44 ^(+0.8,-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 only), Input Voltage, Auxiliary Supply, Accuracy Class & Display Digit Height

Terminal Details



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