

■ Specifications

Item		Description			
Classification		Compact type			
		Integral type	Separated type	Integral type	Separated type
Model	Sensor	FMR104A	FMR104A	FMR104AF	FMR104AFR
	Converter	—	EFM104AW	—	EFM104AW
Piping connection		Wafer type		Flange type	
Diameter (mm)		2.5, 5, 10, 15, 25, 40, 50, 80, 100, 150, 200		50, 80, 100, 150, 200	
Design	Sensor	JIS C 0920 IP67 (immersion proof type)			
	Converter	—	JIS C 0920 IP65 (jet proof type)	—	JIS C 0920 IP65 (jet proof type)
Flow measuring range		Minimum range 0-0.1 m/s, Maximum range 0-10 m/s in terms of flow velocity			
Accuracy		+/-0.5 % of reading (varies depending on the flow velocity)			
Output signal	Flow signal	4 - 20 mADC, load resistance: 1 kΩ max.			
	Total flow pulse signal	Transistor contact (open collector)			
	Contact signal	Total flow pulse/ self-diagnosis selectable	A combination of up to five parameters selected among multi-range, flow direction, flow switch, self-diagnosis	Total flow pulse/ self-diagnosis selectable	A combination of up to five parameters selected among multi-range, flow direction, flow switch, self-diagnosis
Display		Instantaneous flow, total flow			
Fluid temperature		-20°C to 140°C (Varies depending on the model, lining material, fluid pressure etc., non-freezing)			
Ambient temperature	Sensor	-20°C to 60°C			
	Converter	—	-10°C to 60°C	—	-10°C to 60°C
Power supply		100 /110 VAC, 50/60 Hz, or 24 VDC			

Hitachi Compact Electromagnetic Flowmeter
FMR104A



Notice: For proper operation, follow the instruction manual when using the instrument.

Specifications in this catalog are subject to change with or without notice, as Hitachi High-Tech Solutions Corporation continues to develop the latest technologies and products for our customers.

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