

Name	Product Specifications	Model	EFDW100-E0D	1/1
		Date	June 10 th 2016	

Model	Model EFDW 100mm electronic water meter (FDC single bic)
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○ Specifications and Performance

Type and caliber		EFDW100 (FDC single bic)	
Item			
Measuring principle		Vertical axial-flow impeller Woltmann type	
Display	Type	LCD digital display	
	Display	Totalized value, instantaneous flow value, pilot, alarm	
	Alarm display contents	Leakage warning, excessive flow, low battery voltage, backflow detection	
	Min. scale	1 L	
	Maximum indication	999,999.999 m ³	
	Communication cable	4-core, VCTF (0.5 mm ²), 1.5 m	
	4 core color	Black: A1, White: A2, Red: P (+), Green: PG (-) (Do not allow the black wire to come in contact with other wires)	
	See EIM8 Electronic Display Mechanism Specifications for detailed specifications.		
Performance	Q3/Q1 : Measurement range	100	
	Q1 : Fixed min. flow rate	1 m ³ /h	
	Q2 : Transfer flow rate	1.6 m ³ /h	
	Q3 : Maximum flow rate	100 m ³ /h	
	Q4 : Limit flow rate	125 m ³ /h	
	Tolerance	± 5%	1 ≤ Q < 1.6 m ³ /h
		± 2%	1.6 ≤ Q ≤ 125 m ³ /h
Q3 Pressure loss	Less than 0.063 MPa		
Conditions of use	Appropriate operating flow range	※ 4.0 ~ 44.0 m ³ /h	
	Max. allowable working pressure	1 MPa	
	Ambient operating temperature	55° C or less (according to JIS standard) Please make sure that the installation conditions are such that the ambient temp is below this level.	
	Fluid temperature range	Min. allowable operating temp. 0.1° C (according to JIS standard) Max. allowable operating temp. 30° C (according to JIS standard)	
	Mounting position	Horizontal	
External dimensions	Overall Length	750 mm	
	Overall height	309 mm	
	WIDTH	238 mm	
	Center height	120 mm	
Mounting screw	Flange	Water supply flange	
		JIS 10K flange	
Case Material		FCD450 (powder coating)	
Weight		About 4.1 kg	
Type Approval Number		No. L1039	

*How to Select a Water Meter - A Commentary for Practitioners (April 2014, Japan Water Works Association)