

Name	Product Specifications	Model	GFD100-E0D	1/1
		Date	January 17, 2013	

Model	GFD1 type 100mm dry-type water meter (both side flange)
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○ Specifications and Performance

Type and caliber		GFD100(both side flange)		
Item				
Measuring principle	Vertical axial-flow impeller Woltmann type			
Transmission format	Pulse unit	1 m ³ /P		
	Transmitter	GD2A		
Transmission wire		2-core VCTF (0.5mm ²) 1.5m		
Display	Format	Dry digital display		
	Min. scale	1 L		
	Maximum indication	999,999.9 m ³		
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	350 mm		
	Overall height	309 mm		
	WIDTH	238 mm		
	Center height	120 mm		
Installation	Flange	Water supply flange		
		JIS 10K flange		
Case Material		FCD450 (powder coating)		
Weight		About 30 kg		
Type Approval Number		No. L1038		