

Name	Product Specifications	Model	GFDW100-E0C	1/1
		Date	May 21, 2012	

Model	<b>GFDW type 100mm dry-type water meter (FCD single bic)</b>
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○ Specifications and Performance

Type and caliber		G F D W 100 (FDC single bic)		
Item	Measuring principle			
Measuring principle		Vertical axial-flow impeller Woltmann type		
Transmission format	Pulse unit	1 m <sup>3</sup> /P		
	Transmitter	G D 2 A		
Transmission wire		2-core VCTF (0.5mm <sup>2</sup> ) 1.5m		
Display	Format	Dry digital display		
	Min. scale	1 L		
	Maximum indication	999,999.9 m <sup>3</sup>		
Performance	Q3/Q1 : Measurement range	100		
	Q1 : Fixed min. flow rate	1 m <sup>3</sup> /h		
	Q2 : Transfer flow rate	1.6 m <sup>3</sup> /h		
	Q3 : Maximum flow rate	100 m <sup>3</sup> /h		
	Q4 : Limit flow rate	125 m <sup>3</sup> /h		
	Tolerance	± 5%	1 ≤ Q < 1.6 m <sup>3</sup> /h	
		± 2%	1.6 ≤ Q ≤ 125 m <sup>3</sup> /h	
Q3 Pressure loss	Less than 0.063 MPa			
Conditions of use	Appropriate operating flow range	4.0 ~ 44.0 m <sup>3</sup> /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		
Installation	Flange	Water supply flange		
		JIS 10K flange		
Case Material		FCD450 (powder coating)		
Weight		About 4.1 kg		
Type Approval Number		No. L 1038		