

Name	Product Specifications	Model	NFDT100-E0C	1/1
		Date	May 25, 2012	
Model	NFDT type 100mm dry-type water meter (Double-sided flange)			

○ Specifications and Performance

Item		Type and caliber	NFDT100 (Double-sided flange)	
Measuring principle		Vertical axial-flow impeller Woltmann type		
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	293 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		