

Name	Product Specifications	Model	GKDS050-E0D	1/1
		Date	February 27, 2013	
Model	GKDS type 50mm dry-type water meter (Eco-meter)			

○ Specifications and Performance

Type and caliber		GKDS50 (Eco meter)		
Item				
Measuring principle		Vertical axial-flow impeller Woltmann type		
Transmission format	Pulse unit	1 m ³ /P		
	Transmitter	GD 2 A		
Transmission wire		2-core VCTF (0.5mm ²) 1.5m		
Display	Format	Dry digital display		
	Min. scale	1 L		
	Maximum indication	99,999.9 m ³		
Performance	Q3/Q1 : Measurement range	100		
	Q1 : Fixed min. flow rate	0.16 m ³ /h		
	Q2 : Transfer flow rate	0.256 m ³ /h		
	Q3 : Maximum flow rate	16 m ³ /h		
	Q4 : Limit flow rate	20 m ³ /h		
	Tolerance	± 5%	0.16 ≤ Q < 0.256 m ³ /h	
		± 2%	0.256 ≤ Q ≤ 20 m ³ /h	
Q3 Pressure loss		Less than 0.063 MPa		
Conditions of use	Appropriate operating flow range	0.4 ~ 6.5 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	245 mm		
	Overall height	142 mm		
	WIDTH	128 mm		
	Center height	45 mm		
Mounting screw	Water supply screw (parallel screw for pipe)	G 2 · 1 / 2 (75.2 Pitch 11)		
Case Material		CAC804 (unpainted)		
Weight		About 5.0 kg		
Type Approval Number		No. L1038		