

Name	Product Specifications	Model	EKDA030-E0D	1/1
		Date	June 10 <sup>th</sup> 2016	

Model	<b>Model EKDA 30mm electronic water meter (eco-meter)</b>
-------	---

○ Specifications and Performance

Type and caliber		EKDA30 (Eco meter)	
Item			
Measuring principle		Tangential flow impeller type Double jet 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	0.1 L	
	Maximum indication	99,999.9999 m <sup>3</sup>	
	Communication cable	4-core, VCTF (0.5 mm <sup>2</sup> ), 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	0.1 m <sup>3</sup> /h	
	Q2 : Transfer flow rate	0.16 m <sup>3</sup> /h	
	Q3 : Maximum flow rate	10 m <sup>3</sup> /h	
	Q4 : Limit flow rate	12.5 m <sup>3</sup> /h	
	Tolerance	± 5%	0.1 ≤ Q < 0.16 m <sup>3</sup> /h
		± 2%	0.16 ≤ Q ≤ 12.5 m <sup>3</sup> /h
Q3 Pressure loss	Less than 0.063 MPa		
Conditions of use	Appropriate operating flow range	※0.4 ~ 4 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	230 mm	
	Overall height	134 mm	
	WIDTH	108 mm	
	Center height	40 mm	
Mounting screw	Water supply screw (parallel screw for pipe)	G 1 1/2 (47.8 Pich 11)	
	Kimmon screw	49.0 Pich 14	
Case Material		CAC804 (unpainted)	
Weight		About 2.6 kg	
Type Approval Number		No. L1037	

※ How to Select a Water Meter - A Commentary for Practitioners (March 2010, Japan Water Works Association)