



## Feature

- ▶ **304ss or 316ss sensor & body**
- ▶ **High pressure and temperature Capability**
- ▶ **Simp insertion design**
- ▶ **High Accuracy 1%, Optin(0.5%)**

## Applications

- ▶ **Industry proces water**
- ▶ **Pure water and chemical production**
- ▶ **Filtration system**
- ▶ **Cooling system**
- ▶ **HVAC system**
- ▶ **Triclover Sanitary Meter**
- ▶ **Industry Proces Gas**



## Temperature Range

### Magnetic pick up Coils

**Standard : - 40 °C ~ 109 °C**

**Optional : Hi/Low Temperature -267 °C ~ 232 °C**

### Preamp/Magnetic pick up coils

**-40 °C ~ 85 °C**

### Meter with Bearing Structure of

**Standard : Tungsten Carbide -40 °C ~ 149 °C**

**Optional : Rulon/Stainless Steel -40 °C ~ 121 °C**

## Magnetic Pick-Up

**Power Supply : None Required**

**Output : 30mV – 3V DC Sine Wave**

**Connector : 2-Pin Gold Plated Type**

**Temperature Range : - 73 °C to 177 °C**

**Material : SUS304 Steel**

**DC resistance : 975Ω**

**Inductance : 400mH**

## General

**Accuracy : ± 0.1% of Reading at Calibrated Velocity**

**Range : ± 0.5%**

**Repeatability : ±0.1%**

**Maximum operating pressure :**

**4mm~25mm 350kg/**

**25mm~200mm 60kg/**

**Maximum operating temperature :**

**-10 °C ~ +55 °C std**

**Connection : NPT, PT, Flange (KS 10k std)**

**Pickup coil : Type 3wire (±12V) open collector**

**Transistor sinking (max 300m)**

**Sine Wave (Coil)**



## LW SERIES

### Turbine flow meter

### Capacity Table

| Size (mm) | Flow Range (LPM) | L (mm) | C (Connection) |
|-----------|------------------|--------|----------------|
| 2         | 0.5 ~ 2.666      | 42     | 3/8"G          |
| 4         | 0.66 ~ 4.16      | 42     | 3/8"G          |
| 6         | 1.66 ~ 10        | 42     | 3/8"G          |
| 10        | 3.33 ~ 20        | 55     | 1/2"G          |
| 15        | 10 ~ 100         | 75     | 1"G            |
| 20        | 13.3 ~ 133.3     | 85     | 1-1/4"G        |
| 25        | 16.6 ~ 166.6     | 100    | Flange         |
| 32        | 25 ~ 250         | 120    | Flange         |
| 40        | 33.3 ~ 333.3     | 140    | Flange         |
| 50        | 66.6 ~ 666.6     | 150    | Flange         |
| 65        | 133.3 ~ 1333.3   | 180    | Flange         |
| 80        | 166.6 ~ 1666.6   | 200    | Flange         |
| 100       | 333.3 ~ 3333.3   | 220    | Flange         |
| 125       | 416.6 ~ 4166.6   | 250    | Flange         |
| 150       | 666.6 ~ 6666.6   | 300    | Flange         |
| 200       | 1333.3 ~ 13333.3 | 360    | Flange         |
| 250       | 2000 ~ 20000     | 400    | Flange         |
| 300       | 3000 ~ 30000     | 420    | Flange         |

### Material

|   |
|---|
| Body : 316 SS/304SS   |
| Rotor : CD4MCH SS   |
| Rotor Shaft : Tungsten Carbide<br>( Option 316 SS )         |
| Rotor Supports : 316SS / 304SS                              |
| Bushing : Tungsten Carbide<br>(Option High Density Plastic) |
| Thrust Ball : Tungsten Carbide<br>(Option 316 SS)           |

### Ordering Information

| Model | Specification Code |   |   |   |   |   | Description  |
|-------|--------------------|---|---|---|---|---|--|
| LW    | 4 mm-300mm         | J | A | N | S | 1 | <b>Normal Specification Type</b>   |
|       |                    |   |   |   |   |   | <b>Size</b><br>( 4, 6, 10, 15, 25, 40, 50, 80, 100, 150, 200 ) (Special-250, 300mm )                                     |
|       |                    |   |   |   |   |   | <b>Connection</b><br>KS 10K (RF) / JIS 10K / JIS 20K<br>ANSI 150 # (ANSI 300 # Special)<br>Male NPT<br>Sanitary (Option) |
|       |                    |   |   |   |   |   | <b>Material</b><br>SS 304<br>SS 316  |
|       |                    |   |   |   | 2 |   |  |