

DN15-3000 Electromagnetic flowmeter

Measuring Instrument

Place of Origin: CHINA

Brand Name: WESDOM/Customer-designed

Inspection Standard: Applied standard: ISO6817; Performance evaluation standard: ISO9104

Model: DN15-3000, KDLD

The highest velocity : 15m/s

Precision :  $\pm 0.3\%$  、  $\pm 0.5\%$

Protection grade : IP65, IP67, IP68

**Product parameter:**

Electromagnetic flow meter is one of the most popular flow meters. Flange type electromagnetic flow meter has been used for more than 50 years worldwide. It is widely used for all conductive liquids in every industry, such as water, acid, alkali, milk, slurry etc. Since founded in 2005, WESDOM has sold more than 600 thousand electromagnetic flow meters to provide the solutions for clients in different work conditions.

| Size                | DN3-DN3000mm  |
|---------------------|---|
| Nominal Pressure    | 0.6-1.6Mpa(2.5Mpa/4.0Mpa/6.4Mpa...Max 42Mpa)  |
| Accuracy            | +/-0.5%(Standard)<br>+/-0.3% or +/-0.2%(Optional)   |
| Liner               | PTFE, Neoprene, Hard Rubber, EPDM, FEP, Polyurethane, PFA   |
| Electrode           | SUS316L, Hastelloy B, Hastelloy C<br>Titanium, Tantalum, Platinum-iridium                                   |
| Structure Type      | Integral type, remote type, submersible type, ex-proof type   |
| Medium Temperature  | -20~+60 degC(Integral type)   |
|                     | Remote type(Neoprene, Hard Rubber,Polyurethane, EPDM) -10~+80degC<br>Remote type(PTFE/PFA/FEP) -10~+160degC |
| Ambient Temperature | -20~+60deg C  |
| Ambient Humidity    | 5-100%RH(relative humidity)   |
| Measuring Range     | Max 15m/s   |
| Conductivity        | >5us/cm   |
| Protection Class    | IP65(Standard); IP68(Optional for remote type)  |
| Process Connection  | Flange (Standard), Wafer, Thread, Tri-clamp etc (Optional)  |

#### Advantages:

- Bi-directional measurement,easy to install
- Automatic alarm functions for self-diagnosis
- LCD backlight makes it easy to read day and night
- Double frequency excitation,stable zero point;
- Multi-Language, Module Design,Multifunctional Output ;

#### Installation:

Flange Electromagnetic Flow Meter Installation Requirement:

In order to obtain a stable and accurate flow measurement, it is very important that the flow meter is installed correctly in the pipe system.


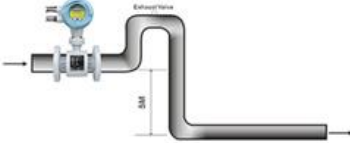




Do not install the meter near equipment that produces electrical interference such as electric motors,

transformers, variable frequency, power cables etc.

Avoid locations with pipe vibrations for example pumps.

Do not install the meter close to pipeline valves, fittings or impediments which can cause flow disturbances.

Place the meter where there is enough access for installation and maintenance tasks.

|  |   |   |
|--|---|---|
|   |    |    |
| Install at the lowest point and vertical upward direction<br>Don't install at the highest point or vertical downward direction | When drop is more than 5m, install exhaust valve at the downstream                  | Install at the lowest point when used in open drain pipe                              |
|   |  |  |
| Need 10D of upstream and 5D of downstream  | Don't install it at the entrance of pump, install it at the exit of pump            | Install at the rising direction   |





