



Battery-Powered Magnetic Flow Meter

Standalone No Wiring Plug & Play Telemetry Ready







Integral type

Integral type with GPRS Wireless

Remote Type

The SpireMag series MAG888-DC flowmeter is a battery-powered high-performance magnetic water meter designed for the water and wastewater industry to accurately measure the water flow in closed conduits.

MAG888-DC is ideal for remote locations in municipal, irrigation, wastewater treatment and industrial liquid processes industries where no power connection is available.

- Stand alone water meter with battery lifetime for more than 4 years. Simple and easy battery replacement
- Billing grade with class 0.5 accuracy
- Plug and play. No need for programming, no need for wiring
- · Compact and rugged design. IP68 submersible
- · Large measurement range, Bi-directional
- · No moving parts to wear and tear, maintenance free
- Short straight-pipe run requirement, suitable for any desired installation location
- · Optional GPRS wireless and turnkey data service.
- Battery powered for more than 3 years







Battery-Powered Magnetic Flow Meter

Applications

- · Accurate water metering for water consumption and revenue generation
- Water metering in remote locations
- · Potable water metering
- · Irrigation water metering
- · Wastewater and raw water metering
- · Water distribution network monitoring
- Leakage detection
- · Pump performance monitoring

Specifications

| Nominal Size | DN15 (1/2")~DN800 (32") |
|-----------------------------------|---|
| Accuracy | ±0.5% |
| Measurement Range | 0 ~±15m/s (±49ft/s) |
| Nominal Pressure | DN15~DN100 (0.5"~4"): 2.5MPa (362psig) DN125~DN250 (5"~10"): 1.6MPa (232psig) DN300~DN800 (12"~32"): 1.0MPa (145psig) Higher pressure rating is available upon request |
| Medium Electrical Conductivity | ≥ 20us/cm |
| Medium Temperature | -10°C ~ +100°C (14°F ~ 212°F) |
| Display | Large LCD for displaying instantaneous flow, forward flow total, reverse flow total and alarm |
| Recordable Parameters | Accumulative total of flow, 32 events |
| Alarms | Fluid empty-tube alarm Excitation current alarm Battery capacity low alarm |
| Totalizer | Built-in forward flow totalizer and reverse flow totalizer |





SpireMag Series MAG888-DC Battery-Powered Magnetic Flow Meter

| Output Signals | Pulse output (optional for integral type or for remote type with battery power supply only) Pulse/Frequency output (for remote type with dual power supply only) Dry Contact interface for pulse output. 0.001L ~ 1m³ per pulse. |
|-----------------------------|--|
| Communication (optional) | RS-485/Modbus (for remote type) GPRS Wireless Note: with GPRS, a server with Static IP address is needed or you can use our data service CDMA wireless |
| Lining Material | Rubber, PTFE, Polyurethane |
| Electrode Material | 316L SS, Hastelloy B, Hastelloy C, Titanium, Tantalum |
| Sensor Body Material | Measuring tube: stainless steel Housing: carbon steel as standard offer. Stainless steel available upon request Flange: carbon steel as standard offer. Stainless steel available upon request |
| Excitation Frequency | 1/30Hz (default): longer battery life but slower response 1/15Hz: shorter battery life but faster response |
| Pipe Connection | DIN flange as standard offerASME ANSI flange |
| Ambient Condition | -10°C ~ +60°C (14°F ~ 140°F), Humidity <95% |
| Power Supply* | For battery-only flowmeter (integral type, Model# MAG888-DC-1/2): 3.6V built-in Li batteries. Lifetime: more than 4 years For GPRS (integral type): up to 3 years. Easy to replace For flowmeter with dual-power supply (remote type, Model# MAG888-DC-3): 3.6V built-in Li batteries, plus interface for external DC power supply – 24VDC/1A. |
| Protection Class | For integral type: IP68 submersible For remote type: a. IP68 for Flow sensor, IP65 for converter b. IP68 for Flow sensor, IP68 for converter (The cable length between converter and flow sensor is 15m, up to 25m) |
| Structure Type* | Integral type Remote type: Remote type with battery-only power supply Remote type with dual power supply (external 24VDC power source is required) |

*Note: Battery-only powered flowmeter is good for flow which does not change fast. It measures the flow once every 15s to save battery. You may program the measurement to a shorter interval, but the battery will be consumed faster. For a fast changing flow, you may consider the dual power model.







SpireMag Series MAG888-DC Battery-Powered Magnetic Flow Meter

Dimensions and Pressure Rating of Flow Sensor (full bore only)

| | | | Dimension | | | | | | | |
|--------------|----------------------|-----|-----------|------|------|------|------|-----|-------|--|
| Nominal Size | Nominal Pressure* | | L | ı | Н | D | ** | wei | ght** | |
| | riessure | mm | in | mm | in | mm | in | kg | lbs | |
| 15 (½") | | 200 | 7.9 | 220 | 8.7 | 80 | 3.1 | 8 | 0.3 | |
| 20 (¾") | 2.5 MPa (362psig) | 200 | 7.9 | 220 | 8.7 | 90 | 3.5 | 10 | 0.4 | |
| 25 (1") | | 200 | 7.9 | 223 | 8.8 | 100 | 3.9 | 12 | 0.5 | |
| 32 (1 ¼") | | 200 | 7.9 | 240 | 9.4 | 120 | 4.7 | 13 | 0.5 | |
| 40 (1 ½") | | 200 | 7.9 | 250 | 9.8 | 130 | 5.1 | 14 | 0.6 | |
| 50 (2") | | 200 | 7.9 | 263 | 10.4 | 140 | 5.5 | 15 | 0.6 | |
| 65 (2 ½") | | 200 | 7.9 | 283 | 11.1 | 180 | 7.1 | 18 | 0.7 | |
| 80 (3") | | 200 | 7.9 | 290 | 11.4 | 195 | 7.7 | 20 | 0.8 | |
| 100 (4") | | 250 | 9.8 | 318 | 12.5 | 215 | 8.5 | 25 | 1.0 | |
| 125 (5") | 1.6 MPa (232psig) | 250 | 9.8 | 350 | 13.8 | 245 | 9.6 | 28 | 1.1 | |
| 150 (6") | (232psig) | 300 | 11.8 | 380 | 15.0 | 280 | 11.0 | 30 | 1.2 | |
| 200 (8") | | 350 | 13.8 | 430 | 16.9 | 335 | 13.2 | 50 | 2.0 | |
| 250 (10") | | 450 | 17.7 | 495 | 19.5 | 405 | 15.9 | 70 | 2.8 | |
| 300 (12") | | 500 | 19.7 | 547 | 21.5 | 440 | 17.3 | 95 | 3.7 | |
| 350 (14") | | 550 | 21.7 | 602 | 23.7 | 500 | 19.7 | 120 | 4.7 | |
| 400 (16") | | 600 | 23.6 | 665 | 26.2 | 565 | 22.2 | 140 | 5.5 | |
| 450 (18") | 1.0 MPa | 600 | 23.6 | 720 | 28.3 | 615 | 24.2 | 160 | 6.3 | |
| 500 (20") | (145 psig) | 600 | 23.6 | 783 | 30.8 | 670 | 26.4 | 200 | 7.9 | |
| 600 (24") | | 600 | 23.6 | 897 | 35.3 | 780 | 30.7 | 280 | 11.0 | |
| 700 (28") | | 700 | 27.6 | 982 | 38.7 | 895 | 35.2 | 350 | 13.8 | |
| 800 (32") | | 800 | 31.5 | 1092 | 43.0 | 1010 | 39.8 | 400 | 15.7 | |

Dimensions and Pressure Rating of Flanges (full bore flow sensor only)

Notes:

| | | DIN F | lange (mm) | | | ANSI RF150# Flange (in) | | | |
|-----------------|----------------------|-----------------------|-------------------|-----------------|----------------|-------------------------|-------------------|-----------------|----------------|
| Nominal Size | Nominal Pressure* | Diameter of Flange | Diameter of Bolts | No. of Bolts | Bolt Circle | Diameter of Flange | Diameter of Bolts | No. of Bolts | Bolt Circle |
| 15 (1/2") | | 80 | 12 | 4 | 55 | 3 ½ | 1/2 | 4 | 2 % |
| 20 (¾") | | 90 | 12 | 4 | 60 | 3 1/8 | 1/2 | 4 | 2 3/4 |
| 25 (1") | 2.5 MPa | 100 | 12 | 4 | 75 | 4 1/4 | 1/2 | 4 | 3 1/8 |
| 32 (1 1/4") | (362psig) | 120 | 14 | 4 | 80 | 4 5/8 | 1/2 | 4 | 3 ½ |
| 40 (1 ½") | 1 | 130 | 14 | 4 | 100 | 5 | 1/2 | 4 | 3 1/8 |
| 50 (2") | 1 | 140 | 14 | 4 | 110 | 6 | 5/8 | 4 | 4 3/4 |
| 65 (2 ½") | | 180 | 18 | 4 | 145 | 7 | 5/8 | 4 | 5 ½ |
| 80 (3") | | 195 | 18 | 8 | 160 | 7 ½ | 5/8 | 4 | 6 |
| 100 (4") | 1 | 215 | 18 | 8 | 180 | 9 | 5/8 | 8 | 7 ½ |
| 125 (5") | 1.6 MPa (232psig) | 245 | 18 | 8 | 210 | 10 | 3/4 | 8 | 8 ½ |
| 150 (6") | (232psig) | 280 | 23 | 8 | 240 | 11 | 3/4 | 8 | 9 ½ |
| 200 (8") | 1 | 335 | 23 | 12 | 295 | 13 ½ | 3/4 | 8 | 11 ¾ |
| 250 (10") | 1 | 405 | 25 | 12 | 355 | 16 | 7/8 | 12 | 14 1/4 |
| 300 (12") | | 440 | 23 | 12 | 400 | 19 | 7/8 | 12 | 17 |
| 350 (14") | 1 | 500 | 23 | 16 | 460 | 21 | 1 | 12 | 18 ¾ |
| 400 (16") | 1 | 565 | 25 | 16 | 515 | 23 ½ | 1 | 16 | 21 1/4 |
| 450 (18") | 1.0 MPa | 615 | 25 | 20 | 565 | 25 | 1 1/8 | 16 | 22 ¾ |
| 500 (20") | (145psig) | 670 | 25 | 20 | 620 | 27 ½ | 1 1/8 | 20 | 25 |
| 600 (24") | 1 | 780 | 30 | 20 | 725 | 32 | 1 1/4 | 20 | 29 ½ |
| 700 (28") | 1 | 895 | 30 | 24 | 840 | | | | |
| 800 (32") | 1 | 1010 | 34 | 24 | 950 | | | | |

^{*} For metric flange only. If ANSI RF150# flange is chosen, the pressure should exceed that allowed by the ANSI flange spec.

^{**}May vary with ANSI flange



SpireMag Series MAG888-DC Battery-Powered Magnetic Flow Meter

Flow Sensor Selection

Selection of Liner Material

| Liner Material | Main Performance | Applications |
|---|---|---|
| Polytetrafluoroethylene (PTFE) | 1. A plastic material with the most stable chemical properties, able to resist the corrosion of boiling hydrochloric acid, sulfuric acid, nitric acid, aqua regia, concentrated alkali and many kinds of organic solvents. 2. Unable to resist the corrosion of chlorine trifluoride, high temperature vanadyltrifluoride, high flowrate liquid fluorine, liquid oxygen and ozone. 3. Poor abrasion resistance. 4. Poor ability of anti-negative pressure. | 1. 100°C (212°F) 2. Strong corrosive mediums like concentrated acid, alkali, and more. |
| Chloroprene rubber (Neoprene rubber) | Excellent elasticity, retractility and abrasion resistance. High degree of tensile strength, good wear resistance. Able to resist the corrosion of low concentration acid, alkali and salt, but unable to resist that of that oxidative medium. | 1. <80°C (176°F) 2. Water, sewage, slurry, polluted water, with very low abrasive quality. |
| Polyurethane rubber | 1. Excellent wear resistance (ten times higher than that of the natural rubber). 2. Not suitable for acid and alkaline applications. 3. Unable to work with water mixed with organic solvents. | 1.<80°C (176°F) 2. Medium and strong wearability for ore pulp, coal pulp, mud, and more. 3. Highly abrasive liquids such as mineral rich liquids, slurry. |
| PFA Liner | Outstanding chemical and solvent resistance. High temperature stability. | 1. <204°C (400°F) 2. Often used in various grades of purity and cleanliness. |

Electrode Material Selection

| Electrode Material | Applications |
|--|---|
| Mo-containing stainless steel (0Cr18Ni12Mo2Ti) | Liquids with weak corrosivity, such as industrial water, sewage, wastewater, polluted water, are widely used in industries such as oil, chemical, petrochemical,urea, vinylon, carbamide, etc. |
| Hastelloy B (HB) | Good corrosion resistance of different concentration of hydrochloric acid under boiling point, resist the corrosion of non-oxidizing acid, alkali, non-oxidizing salt solution, such as sulfuric acid, phosphoric acid, organic acid, etc. |
| Hastelloy C (HC) | Able to resist the corrosion of oxidizing acid, such as nitric acid, mixed acid, the mixture of chromic acid and sulfuric acid, oxidizing salt like Fe+++,Cu++ or other oxidants such as hypochlorite solution above ordinary temperature and seawater |
| Titanium (Ti) | Seawater, chloride, hypochlorite salt, oxidable acid, organic acid, alkali, etc. Unable to resist the corrosion of purer reducing acid like sulfuric acid and hydrochloric acid. The corrosivity of alpha hydroxy acids will be substantially decreased if there are oxidants such as nitric acid, Fe+++, Cu++, etc. in it. |
| Tantalum (Ta) | The corrosion resistance of tantalum is as good as glass. Except hydrofluoric acid, fuming nitric acid and alkali, it is able to resist the corrosion of almost any other chemical media. |







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As there are a great variety of mediums and the corrosiveness of each medium could significantly depending upon temperature, concentration, flow rate, the above two tables can only be used as a reference. Users should choose the liner and electrode materials according to the specific nature of their application. If necessary, corrosion resistance experiments using similar materials should be performed prior to selecting the electrode material.

Grounding

In general, an extra grounding accessory is not needed for water flow in metal pipes which have been connected to ground. However, if the pipe is plastic or the pipe is not grounded, you may consider the following accessories.

| Туре | Applications |
|---------------|--|
| Tri-electrode | Economical. Recommended. This is not a separate part. It is part of the electrode. Therefore, it cannot be ordered separately. Applicable to non-conductive pipelines such as plastic. |
| Ground Ring | Economical. Applicable to non-conductive pipelines such as plastic. However, it is not required for sensors with polytetrafluoroethylene (PTFE) liner. |
| Ground Flange | Premium price but best grounding solution. Applicable to non-conductive pipelines such as plastic. However, it is not required for sensors with polytetrafluoroethylene (PTFE) liner. |

Nominal Diameter Selection

- 1. The MAG888-DC electromagnetic flowmeter has a high turndown ratio of 1200:1. For best results, Spire Metering recommends selecting the nominal diameter of the flow sensor to be the same as that of the process pipe.
- 2. If there are solid particles in the medium, a flow velocity range of 1~3m/s (3~10ft/s) is recommended.
- If the actual velocity is over 10ft/s and it is inconvenient or difficult to reduce the flow velocity, Spire Metering recommends selecting a nominal diameter one size larger than that of the process pipe. This will cause the flow velocity to decrease and the abrasion of the electrode and liner caused by particles will be alleviated.
- If the actual flow velocity is below 3ft/s and it is inconvenient or difficult to increase, Spire Metering recommends selecting a nominal diameter one size smaller than that of the process pipe. This will increase the flow velocity and will avoid particle deposition and accuracy degradation.





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When you select a flow sensor which nominal diameter is different from the process pipe, a size adaptation pipe should be jointed to both the upstream and downstream of the flow sensor. The center taper angle should be no more than 150° and there should be a straight pipe at least 5 times of the process pipe diameter jointed to the adaptation pipe.

To help sensor size selection, please consult the following table which shows the flow rate of each size at different flow velocity.

Comparison Table of Flow Velocity and Flowrate

| Velocity m/s(ft/s) Flowrate m³/h (gpm) Diameter mm (inch) | 0.01(0.03) | 1 (3.28) | 2 (6.56) | 3 (9.84) | 4 (13.12) | 5 (16.4) | 15 (49.2) (Max) |
|---|---------------|-----------------|-----------------|------------------|------------------|------------------|--------------------|
| 15 (1/2") | 0.006 (0.026) | 0.64(2.82) | 1.27(5.60) | 1.9(8.40) | 2.5(11.20) | 3.2(14.00) | 9.5(41.99) |
| 20 (¾") | 0.011 (0.048) | 1.13(4.97) | 2.26(9.95) | 3.4(14.93) | 4.5(19.91) | 5.6(24.88) | 16.9(74.64) |
| 25 (1") | 0.018 (0.079) | 1.77(7.79) | 3.53(15.55) | 5.3(23.33) | 7.1(31.10) | 8.8(38.88) | 26.5(116.63) |
| 40 (1 ½") | 0.45 (1.98) | 4.52(19.89) | 9.04(39.81) | 13.5(59.72) | 18.1(79.62) | 22.6(99.53) | 67.8(298.58) |
| 50 (2") | 0.07 (0.31) | 7.07(31.11) | 14.13(62.20) | 21.2(93.31) | 28.2(124.41) | 35.3(155.51) | 106.0(466.53) |
| 65 (2 ½") | 0.12 (0.53) | 11.95(52.58) | 23.89(105.12) | 35.8(157.69) | 47.7(210.25) | 59.7(262.81) | 179.2(788.43) |
| 80 (3") | 0.18(0.79) | 18.1(79.64) | 36.19(159.24) | 54.3(238.86) | 72.3(318.48) | 90.4(398.10) | 271.4(1194.31) |
| 100 (4") | 0.28(1.23) | 28.27(124.41) | 56.5(248.81) | 84.8(373.22) | 113.1(497.63) | 141.3(622.04) | 424.1(1866.11) |
| 150 (6") | 0.63(2.80) | 63.61(279.92) | 127.2(559.83) | 190.8(839.75) | 254.4(1119.66) | 318.1(1399.58) | 954.2(4198.74) |
| 200 (8") | 1.13(4.98) | 113.1(497.63) | 226.1(995.26) | 339.3(1492.88) | 452.3(1990.51) | 565.4(2488.14) | 1696.4(7464.42) |
| 250 (10") | 1.76(7.78) | 176.7(777.54) | 353.4(1555.09) | 530.1(2332.63) | 706.8(3110.18) | 883.5(3887.72) | 2650.7(11663.16) |
| 300 (12") | 2.54(11.2) | 254.4(1119.66) | 508.9(2239.33) | 763.4(3358.99) | 1017.8(4478.65) | 1272.3(5598.32) | 3817.0(16794.95) |
| 350 (14") | 3.46(15.2) | 346.3(1990.51) | 692.7(3047.97) | 1039.1(4571.96) | 1385.4(6095.95) | 1731.8(7619.93) | 5195.4(22859.80) |
| 400 (16") | 4.52(19.91) | 452.3(4478.65) | 904.7(3981.03) | 1357.1(5971.54) | 1809.5(7962.05) | 2261.9(9952.57) | 6785.8(29857.70) |
| 450 (18") | 5.72(25.19) | 572.5(2519.24) | 1145.1(5038.49) | 1717.6(7557.73) | 2290.2(10076.97) | 2962.7(13036.22) | 8588.3(37788.65) |
| 500 (20") | 7.06(31.10) | 706.8(3110.18) | 1413.7(6220.35) | 2120.5(9330.53) | 2827.4(12440.71) | 3534.3(15550.88) | 10602.8(46652.65) |
| 600 (24") | 10.17(44.79) | 1017.8(4478.65) | 2035.7(8957.31) | 3053.6(13435.96) | 4071.5(17914.62) | 5089.3(22393.27) | 15268.1(67179.82) |





Battery-Powered Magnetic Flow Meter

How to Order

Please select one option (ID) from each category.

| | | | | | ī T | | | 」 ∟ | _ | | 1 |
|---|---|----|---|--|----------------------------|------------------|--|---|------------------------------------|----------|------------------------------------|
| Туре* | D | | | | | | | | | ID | Cable Length |
| Integral Type (Default) | 1 | | | | | | | | | A | 15m |
| Remote Type | 2 | | | | | | | | | В | 25m |
| Remote Type with Dual Power Supply | 3 | | | | | | | | | C | None for Integral Type |
| with Dual I Ower Supply | | | | | | | | | ID | | ounding |
| Wireless** | | ID | | | | | | | | 1 | e (Default) |
| None 0 | | | | | | | | C | | und Ring | |
| With GPRS Wireless | | | | | | | | | | | und Flange |
| (Output must be A-None) | | 1 | | | | | | | | GIO | und Hange |
| | | | | | | | | ID | Flan | ge | |
| | | | | | | | | 1 | DIN f | lange | (ask for pressure rating) |
| Unit System | | | ID | | | | | 2 | ANSI | RF15 | 0# @ 2.0MPa (290psig) (up to 24") |
| Metric System | | | DN | | | | | 3 | ANSI | RF12 | 5# @1.2MPa (175psig) (24" to 80") |
| English System | | | IN | | | | | 4 | Other | r, plea | se specify |
| | | | | | | | | | | | |
| Calibre | | | | ID | | | ID | Οι | ıtput | t | |
| DN15 (½") | | | 00 | 015 (0050) | | | Α | No | ne (De | efault |) |
| DN20 (¾") | | | 0 | 020 (0075) | _ | | В | Puls | se (not | availa | ble if wireless option is selected |
| DN25 (1'') | | | 0 | 025 (0100) | _ | | С | | | | and Pulse with dual power supply. |
| | | | 0 | 032 (0125) | _ | | | | | | vireless option is selected) |
| DN32 (1 ¼") | | | | (0.20) | | - 1 | _ | Oth | ner, ple | ase s | |
| DN32 (1 1/4") DN40 (1 1/2") | | | | 040 (0150) | _ | | D | | | | pecily |
| | | | 0(| ` ' | - | | | | | | респу |
| | | | 00 | 040 (0150) | - | ID | | | de M | 1ate | |
| DN40 (1 ½") DN50 (2") | | | 00 | 040 (0150) | - - - | ID | Elec | tro | | | |
| DN40 (1 ½") DN50 (2") DN65 (2 ½") | | | 00 | 040 (0150) 050 (0200) 065 (0250) | - - - | | Elec 316L | ss (c | | N11 | erial |
| DN40 (1 ½") DN50 (2") DN65 (2 ½") DN80 (3") | | | 00 | 040 (0150) 050 (0200) 065 (0250) 080 (0300) | - - - - | 1 | Elec 316L | SS (C | OCr18 | N11 | erial |
| DN40 (1 ½") DN50 (2") DN65 (2 ½") DN80 (3") DN100 (4") | | | 000 | 040 (0150) 050 (0200) 065 (0250) 080 (0300) 100 (0400) | - - - - | 1 2 | Elec 316L HC (Ti (T | SS (C Hast | OCr18 | N11 | erial |
| DN40 (1 ½") DN50 (2") DN65 (2 ½") DN80 (3") DN100 (4") DN125 (5") | | | 000000000000000000000000000000000000000 | 040 (0150) 050 (0200) 065 (0250) 080 (0300) 100 (0400) 125 (0500) | - - - - | 1 2 3 | Elec 316L HC (Ti (T | SS (C Hast | OCr18 elloy (um) | N11 | erial |
| DN40 (1 ½") DN50 (2") DN65 (2 ½") DN80 (3") DN100 (4") DN125 (5") DN150 (6") DN200 (8") | | | 00 00 00 00 00 00 | 040 (0150) 050 (0200) 065 (0250) 080 (0300) 100 (0400) 125 (0500) | - - - - - - | 1 2 3 | Elect 316L HC (Ti (T Othe | SS (C Hast itani | OCr18 elloy (um) | EN11 | erial |
| DN40 (1 ½") DN50 (2") DN65 (2 ½") DN80 (3") DN100 (4") DN125 (5") DN150 (6") DN200 (8") DN250 (10") | | | 00 00 00 00 00 00 00 | 040 (0150) 050 (0200) 065 (0250) 080 (0300) 100 (0400) 1125 (0500) 1150 (0600) 200 (0800) | - | 1 2 3 4 | Elect 316L HC (Ti (T Othe | SS (C Hast itanier, ple | oCr18 elloy (um) ease sp | EN11 | erial |
| DN40 (1 ½") DN50 (2") DN65 (2 ½") DN80 (3") DN100 (4") DN125 (5") DN150 (6") | | | 00 00 00 00 00 00 00 | 040 (0150) 050 (0200) 065 (0250) 080 (0300) 100 (0400) 125 (0500) 150 (0600) 200 (0800) | - | 1 2 3 4 | Election 316L HC (Ti (T Other PTFE | SS (() Hastitanii Hast | oCr18 celloy (cum) case sp | ecify | erial |

^{*}Note: battery-only integral type or remote type meters are recommended for applications with relatively constant flow rates. For applications with moderate to high fluctuations in flow rate, please consider the dual-power type Model# MAG888-DC-3) which requires a 24VDC external power supply.

Example

Model# MAG888-DC-1-0-IN0100-A-1-A-1-A-A

Stands for integral type, no wireless, battery powered magnetic flowmeter, size 1", no output, no ground ring, 15m(45ft) cable, PTFE liner, 316L SS electrode, DIN flange.



^{**}Note: Telemetry Software is required if Wireless GPRS option is selected. Please contact Sales@SpireMT.com for pricing.