

Products

1.) Water Flow Meter With Pulse Output

- **Dry – Dial , magnetic Drive**
- **Removable measuring Unit , Easy installations and maintenance**
- **Measuring high flowrate with low lost**
- **Pulse output 10 l/Pulse , 100 l/Pulse**
- **The meters conform to ISO4064 Standard Class B**
- **The meter are available with LCD reading Register**

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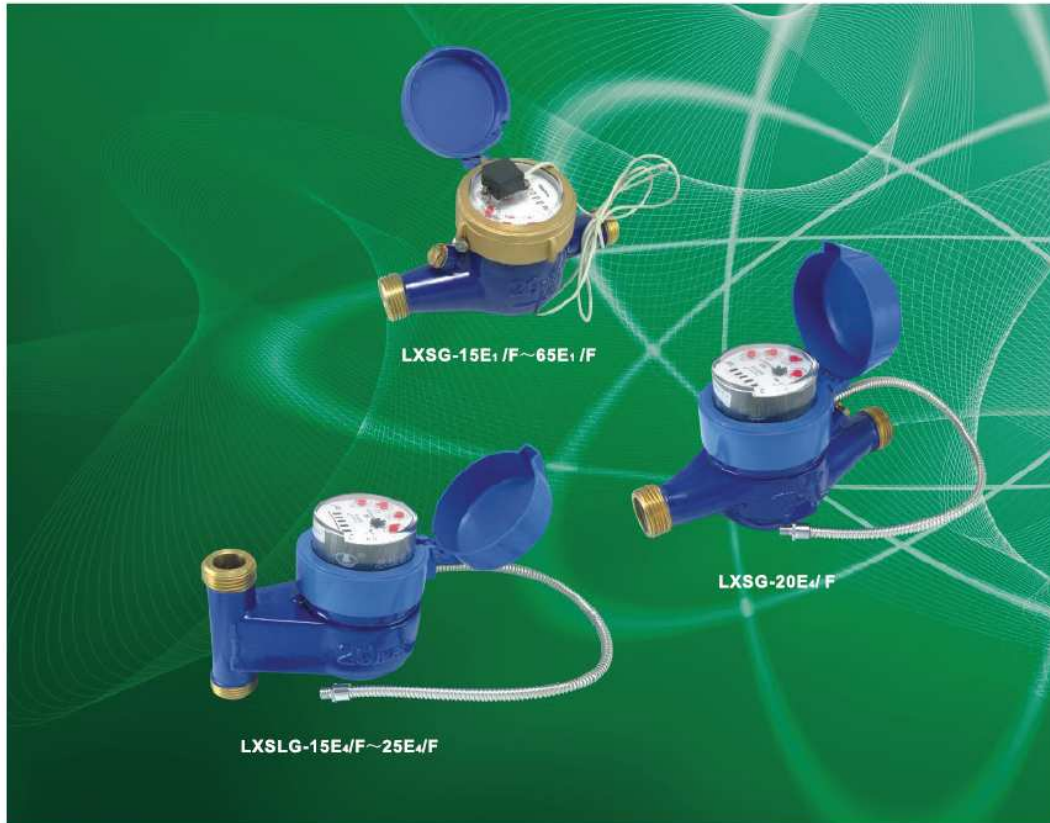
Removable Horizontal Dry Type Woltman Meter

Features:

- Dry-dial, magnetic drive
- Vacuum sealed register, frost resistant, keeps clear reading for long time
- Removable measuring unit, easy installation and maintenance
- Measuring high flowrate with low head loss
- Remote transmission device can be added upon request
Many kinds of sensors, such as Reed Switch, Hall and Weagand can be supplied upon request
Pulse output may be 10l/pulse, 100l/pulse, 1000l/pulse
- The meters conform to ISO4064 Standard Class B
- The meter are available with LCD reading register

[Data Sheet](#)

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Multi Jet Dry Type Vane Wheel Water Meter With Remote Transmission Device

Features:

- Dry-dial, magnetic drive, protected against external magnetic tampering
- Vacuum sealed register, frost resistant, keeps clear reading for long time
- Brass body can be painted
- External adjusting device
- For hot or cold water
- Remote transmission device can be added upon request
- Many kinds of sensors, such as Reed Switch, Hall and Weagand can be supplied upon request
- Pulse output may be 1l/pulse, 10l/pulse
- The meters conform to ISO4064 Standard Class B



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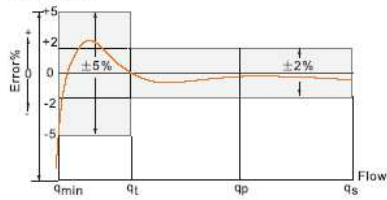
Technical data:

| Nominal size DN(mm) | Class of measurement | Overload flow-rate q_s (m ³ /h) | Permanent flow-rate q_p (m ³ /h) | Transitional flow-rate q_t (l/h) | Minimum flow-rate q_{min} (l/h) |
|---------------------|----------------------|--|---|------------------------------------|-----------------------------------|
| 15 | B | 3 | 1.5 | 120 | 30 |
| 20 | B | 5 | 2.5 | 200 | 50 |
| 25 | B | 7 | 3.5 | 280 | 70 |
| 32 | B | 12 | 6.0 | 480 | 120 |
| 40 | B | 20 | 10 | 800 | 200 |
| 50 | B | 30 | 15 | 3000 | 450 |

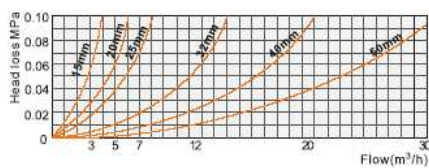
Overall dimensions and weight

| Type | Size (mm) | Length (mm) L | Width (mm) W | Height (mm) H | Connecting Thread D | Weight (kg) |
|-------------|-----------|---------------|--------------|---------------|---------------------|-------------|
| LXSG-15E1/F | 15 | 165 | 99 | 104 | G1 1/4" B | 1.5 |
| LXSG-20E1/F | 20 | 195/190 | 99 | 106 | G 3/4" B | 1.7 |
| LXSG-25E1/F | 25 | 225/260 | 104 | 120 | G 1" B | 2.4 |
| LXSG-32E1/F | 32 | 230/260 | 104 | 120 | G1 1/4" B | 2.8 |
| LXSG-40E1/F | 40 | 245/300 | 120 | 155 | G1 1/2" B | 5.1 |
| LXSG-50E1/F | 50 | 280/300 | 125 | 155 | G 2" B | 7.2 |

Error curve



Head loss curve

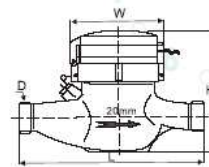


Working condition:

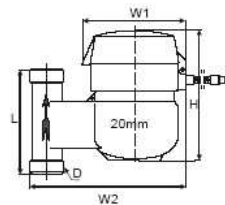
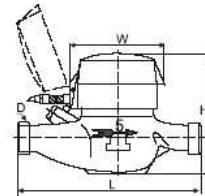
- Water temperature < 50°C (Hot water meter < 90°C)
- Water pressure ≤ 1MPa (PN: 1.6MPa/16bar)
- ΔP ≤ 0.1MPa

Accuracy:

- From minimum flow-rate (q_{min}) inclusive, to transitional flow-rate (q_t), exclusive: ±5%
- From transitional flow-rate (q_t) inclusive, to overload flow-rate (q_s), exclusive: ±2% (Hot water meter: ±3%)



LXSG-15E1/F~50E1/F



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Removable Horizontal Dry Type Woltman Meter

Features:

- Dry-dial, magnetic drive
- Vacuum sealed register, frost resistant, keeps clear reading for long time
- Removable measuring unit, easy installation and maintenance
- Measuring high flowrate with low head loss
- Remote transmission device can be added upon request
 - Many kinds of sensors, such as Reed Switch, Hall and Weagand can be supplied upon request
 - Pulse output may be 10l/pulse, 100l/pulse, 1000l/pulse
- The meters conform to ISO4064 Standard Class B
- The meter are available with LCD reading register



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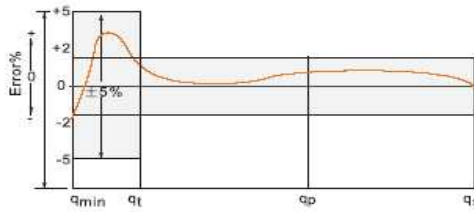
Technical data:

| Nominal size DN(mm) | Class of measurement | Overload flow-rate $q_o(m^3/h)$ | Permanent flow-rate $q_p(m^3/h)$ | Transitional flow-rate $q_t(l/h)$ | Minimum flow-rate $q_{min}(l/h)$ | Minimum reading $M_{in}(m^3)$ | Maximum reading $M_{max}(m^3)$ |
|---------------------|----------------------|---------------------------------|----------------------------------|-----------------------------------|----------------------------------|-------------------------------|--------------------------------|
| 50 | B | 30 | 15 | 3.0 | 0.45 | 0.01 | 999999 |
| 65 | B | 50 | 25 | 5 | 0.75 | 0.01 | 999999 |
| 80 | B | 80 | 40 | 8 | 1.2 | 0.01 | 999999 |
| 100 | B | 120 | 60 | 12 | 1.8 | 0.1 | 999999 |
| 125 | B | 200 | 100 | 30 | 3 | 0.1 | 999999 |
| 150 | B | 300 | 150 | 30 | 4.5 | 0.1 | 9999999 |
| 200 | B | 500 | 250 | 30 | 50 | 0.1 | 9999999 |
| 250 | B | 800 | 400 | 30 | 80 | 0.1 | 9999999 |
| 300 | B | 1200 | 600 | 30 | 18 | 0.1 | 9999999 |

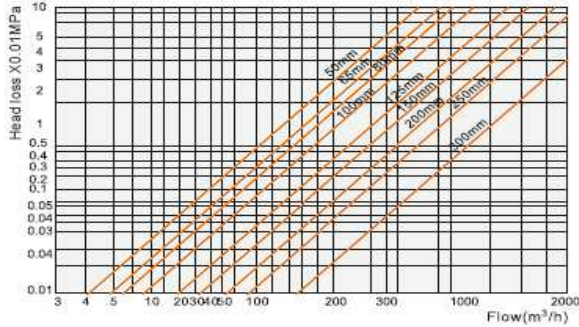
Overall dimensions and weight

| Type | Size (mm) | Length (mm) L | Width (mm) W | Height (mm) H | Outer diameter of flange D(mm) | The center diameter of connecting bolt D1(mm) | Connecting bolt (Pcs.) | Weight (kg) |
|----------|-----------|---------------|--------------|---------------|--------------------------------|---|------------------------|-------------|
| LXLC-50 | 50 | 200 | 172 | 247 | 165 | 125 | 4 × M16 | 12 |
| LXLC-65 | 65 | 200 | 185 | 260 | 185 | 145 | 8 × M16 | 13 |
| LXLC-80 | 80 | 225 | 200 | 264.5 | 200 | 160 | 8 × M16 | 15 |
| LXLC-100 | 100 | 250 | 225 | 271.5 | 220 | 180 | 8 × M20 | 19 |
| LXLC-125 | 125 | 250 | 250 | 295 | 250 | 210 | 8 × M20 | 23 |
| LXLC-150 | 150 | 300 | 285 | 301.5 | 285 | 240 | 8 × M20 | 30 |
| LXLC-200 | 200 | 350 | 340 | 358.5 | 340 | 295 | 12 × M20 | 42 |
| LXLC-250 | 250 | 400 | 395 | 413.5 | 395 | 350 | 12 × M20 | 51 |
| LXLC-300 | 300 | 450 | 445 | 463.5 | 445 | 400 | 12 × M20 | 63 |

Error curve



Head loss curve

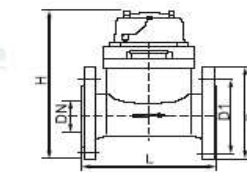
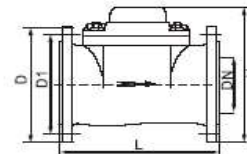
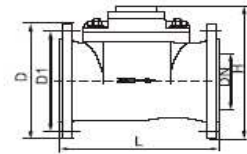


Working condition:

- Water temperature < 50 °C (Hot water meter < 90 °C)
- Water pressure ≤ 1MPa (PN: 1.6MPa/16bar)
- $\Delta P \leq 0.03MPa$

Accuracy:

- From minimum flow-rate (q_{min}) inclusive, to transitional flow-rate (q_t), exclusive: $\pm 5\%$
- From transitional flow-rate (q_t) inclusive, to overload flow-rate (q_o), exclusive: $\pm 2\%$ (Hot water meter: $\pm 3\%$)



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