



## **MULTI JET METER, DRY TYPE**

### **LXSG-15E~50E ( 15,20,25,32,40,50 )**

#### **Operation:**

---

The water enters the meter from the inlet of the meter body and impacts the vane wheel at the tip of the vane blades to make it rotate. The water flows out from the outlet of the body. The rotation of the vane wheel (proportional to the velocity of water flow) is transmitted directly to the central gear in the vacuum-sealed register by the magnetic coupling. The sealed register totalizes and indicates the water volume passing through the meter.

#### **Features:**

---

1. Wet, dry, liquid sealed
2. For hot or cold water
3. Small, light
4. Brass body, cast iron body or plastic body, optional
5. Brass body, cast iron body can be painted or nickel coated
6. High accuracy
7. The meters conform to ISO 4064:2014 and 2004/22/EC(MID:B+D)

#### **Working condition:**

---

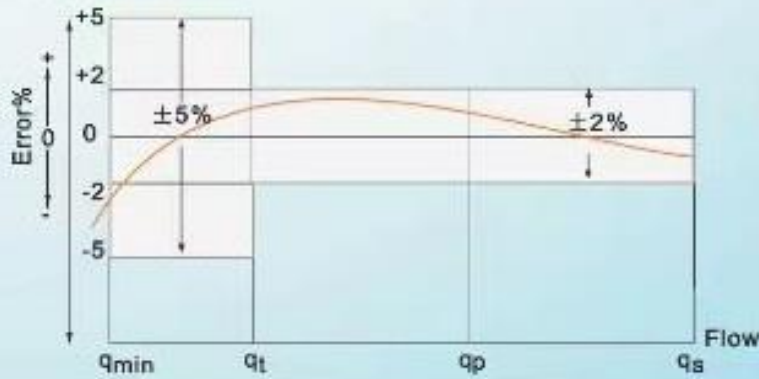
- Water temperature  $\leq 50^{\circ}\text{C}$
- Water pressure  $\leq 1\text{MPa}$  (PN: 1.6MPa/16bar)
- $\Delta P \leq 0.1\text{MPa}$

#### **Accuracy:**

---

- From minimum flow-rate ( $q_{\min}$ ) inclusive, to transitional flow-rate ( $Q_{\min}$ ), exclusive:  $\pm 5\%$
- From transitional flow-rate ( $Q_t$ ) inclusive, to overload flow-rate ( $Q_n$ ), exclusive:  $\pm 2\%$

### Error curve



### Head loss curve



Type	Size mm	Class	qs Max flow	qn Nominal Flow	qt Transitional Flow	qmin min flow	Min Reading lectura	Max Reading lectura
ITEM	SIZE mm	CLASS	MAX FLOW (Qs M3/H)	NOMINAL FLOW (Qn M3/H)	TRANSITIONAL FLOW (Qt L/H)	MIN FLOW (Qmin L/H)	MIN READING ( M3 )	MAX READING ( M3 )
LXSG-15	15	B	3	1.5	120	30	0.0001	99999
LXSG-20	20	B	5	2.5	200	50	0.0001	99999
LXSG-25	25	B	7	3.5	280	70	0.0001	99999
LXSG-32	32	B	12	6	480	120	0.0001	99999
LXSG-40	40	B	20	10	800	200	0.0001	99999
LXSG-50	50	B	30	15	3000	450	0.0001	99999