

# LXLG(R)-50E<sub>2</sub>~200E<sub>2</sub>

## Removable Horizontal Dry Type Woltman Meter

### WORKING CONDITION:

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

### ACCURACY :

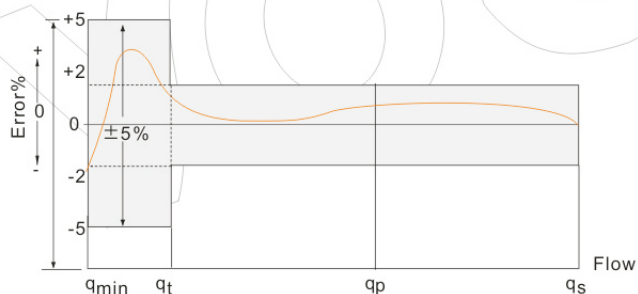
- From minimum flow-rate ( $q_{\min}$ ) inclusive, to transitional flow-rate ( $q_t$ ), exclusive:  $\pm 5\%$
- From transitional flow-rate ( $q_t$ ) inclusive, to overload flow-rate ( $q_s$ ), exclusive:  $\pm 2\%$  (Hot water meter:  $\pm 3\%$ )

### Features:

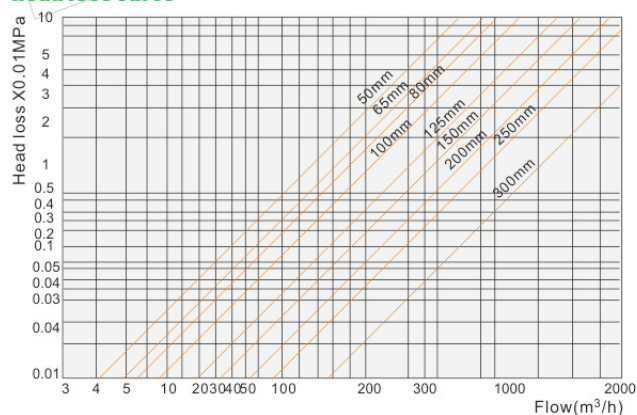
- Dry-dial, magnetic drive
- Vacuum sealed register, frost resistant, keeps clear reading for long time
- Removable measuring unit, easy installation and maintenance
- Measuring high flowrate with low head loss.
- Remote transmission device can be added upon request  
Many kinds of sensors, such as Reed 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



### Error curve



### Head loss curve



### TECHNICAL DATA:

Nominal size DN(mm)	Class of measurement	Overload flow-rate $q_s$ (m <sup>3</sup> /h)	Permanent flow-rate $q_p$ (m <sup>3</sup> /h)	Transitional flow-rate $q_t$ (m <sup>3</sup> /h)	Minimum flow-rate $q_{\min}$ (m <sup>3</sup> /h)	Minimum reading $M_{\min}$ (m <sup>3</sup> )	Maximum reading $M_{\max}$ (m <sup>3</sup> )
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	9999999
125	B	200	100	20	3	0.1	9999999
150	B	300	150	30	4.5	0.1	9999999
200	B	500	250	50	7.5	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(R)-50E <sub>2</sub>	50	200	172	247	165	125	4×M16	12
LXLC(R)-65E <sub>2</sub>	65	200	185	260	185	145	8×M16	13
LXLC(R)-80E <sub>2</sub>	80	225	200	264.5	200	160	8×M16	15
LXLC(R)-100E <sub>2</sub>	100	250	225	271.5	220	180	8×M20	19
LXLC(R)-100E <sub>2</sub>	125	250	250	295	250	210	8×M20	23
LXLC(R)-125E <sub>2</sub>	150	300	285	301.5	285	240	8×M20	30
LXLC(R)-200E <sub>2</sub>	200	350	340	358.5	340	295	12×M20	42

