



LXLC(R)-50~300(mm)

Removable element woltman cold (hot) water meter

This type of water meter can be used for a remote reading transmission system is equipped with a built-in sensor.

Application

Measuring the volume of cold (hot) water passing through the pipeline.

Features

- Removable element structure, easy installation and maintenance, register for universal use within this range detachable without Removing the meter from the pipeline.
- Dry-dial, Magnetic drive sensitive action, small pressure loss.
- Vacuum sealed register ensures the dial keep free from fog and Keep the reading clear in a long term service.
- Selected high quality materials for steady & reliable characteristic.
- Technical data conform to international standard ISO 4064.

Optional Features

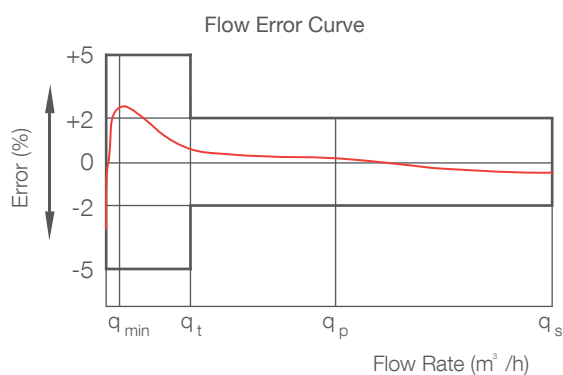
- Plastic register, copper register and full glass register.
- Accuracy: R=50/80.
- Size: DN50-500mm.
- Cold / Hot water.
- Reed switch option.
- Flange standard can be choose.
- 360 degree rotate can be choose.
- Cast iron, Ductile iron, SS304,SS316 body can be choose.
- Working pressure: PN16/25.
- Color can be change on body and cover.

Working Condition

- Water temperature: 0.1 °C ~ 40 °C (0.1 °C ~ 90 °C for hot water meter).
- Water pressure: PN10/16/25.

Maximum Permissible Error

- In the lower zone from q_{min} inclusive up to but excluding q_t is $\pm 5\%$.
- In the upper zone from q_t inclusive up to and including q_s is $\pm 2\%$ ($\pm 3\%$ for hot water meter).



Common Plastic Register



Copper Register



Full Glass Register



PONOT LXLC (R) 50-300mm PN25 90c

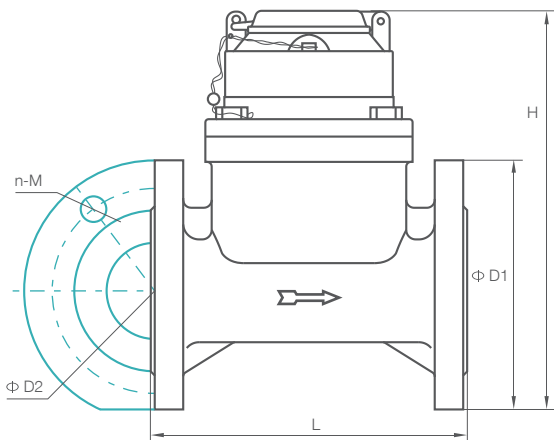


PONOT Water Meter

by HUI



Dimensions



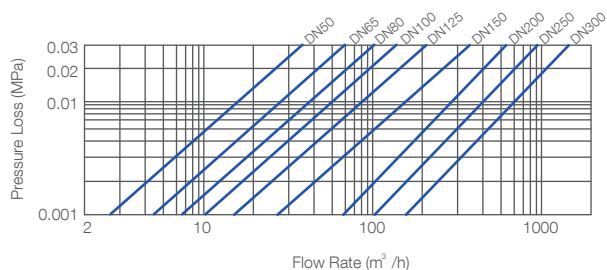
Type	Size	L Length	H Height	Connecting Flange		
				ΦD1 Outside Diameter	ΦD2 Bolt Circle Diameter	Connecting Bolts (n-M)
LXLC-50	50	200	261	165	125	4-M16
LXLC-65	65	200	271	185	145	4-M16
LXLC-80	80	225	279	200	160	8-M16
LXLC-100	100	250	289	220	180	8-M16
LXLC-125	125	250	299	250	210	8-M16
LXLC-150	150	300	319	285	240	8-M20
LXLC-200	200	350	346	340	295	8-M20(1.0MPa)
						12-M20(1.6MPa)
LXLC-250	250	450	450	395(1.0MPa)	350(1.0MPa)	12-M20(1.0MPa)
				405(1.6MPa)	355(1.6MPa)	12-M24(1.6MPa)
LXLC-300	300	500	478	445(1.0MPa)	400(1.0MPa)	12-M20(1.0MPa)
				460(1.6MPa)	410(1.6MPa)	12-M24(1.6MPa)

NOTE: The flange dimension conforms to ISO7005-2:1988 standard. Order for products of special requirements is also accepted.

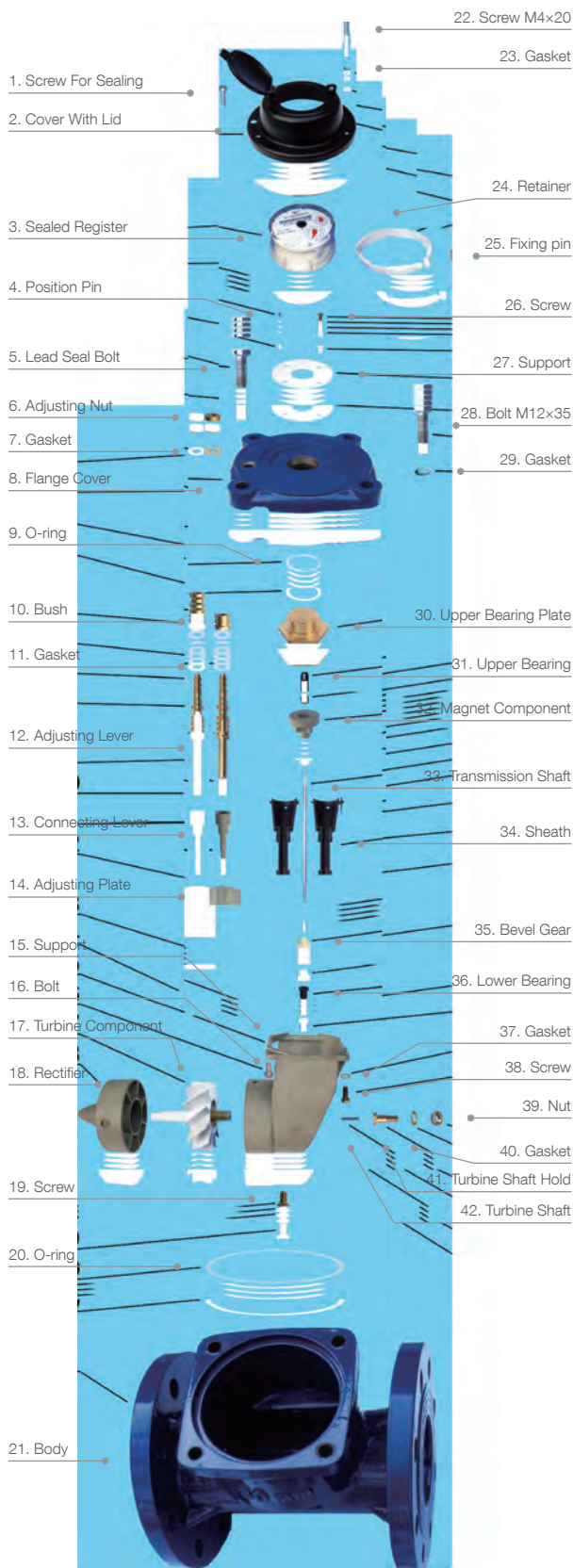
Pulse Position

Size	Pulse Position
DN50-65	10/100/1000L/Pulse
DN80-200	100/1000L/Pulse
DN250-300	1000L/Pulse

Pressure Loss Curve



Exploded View





Flow Technique Specification

Nominal Flow	Maximum Flow Q ₄	Permanent Flow Q ₃	Q ₃ / Q ₁	Q ₂ / Q ₁	Transitional Flow Q ₂	Minimum Flow Q ₁	Minimum Reading		Maximum Reading					
							Full Glass Seal	Common Seal	Full Glass Seal	Common Seal				
DN	m³/h		50	Q ₂ / Q ₁	m³/h		m³							
50	31.3	25			1.6	0.8	0.5	0.0005	0.0002	999,999	999,999			
			4	2										
	50	40	80	1.6	0.8	0.5								
				4	2									
65	50	40	50	1.6	1.3	0.8	0.0005	0.0002	999,999	999,999				
				4	3.2									
			80	1.6	0.8	0.5								
				4	2									
80	78.8	63	50	1.6	2	1.3	0.002	0.002	999,999	9,999,999				
				4	5									
			80	1.6	1.3	0.8								
				4	3.2									
100	125	100	50	1.6	3.2	2	0.002	0.002	999,999	9,999,999				
				4	8									
			80	1.6	2	1.3								
				4	5									
125	200	160	50	1.6	4	3.2	0.002	0.002	999,999	9,999,999				
				4	12.8									
			80	1.6	3.2	2								
				4	8									
150	312.5	250	50	1.6	8	5	0.002	0.002	999,999	9,999,999				
				4	20									
			80	1.6	5	3.1								
				4	12.4									
200	500	400	50	1.6	12.8	8	0.002	0.002	999,999	9,999,999				
				4	32									
			80	1.6	8	5								
				4	20									
250	787.5	630	25	1.6	40.3	25.2	0.02	0.02	9,999,999	99,999,999				
				4	100.8									
			50	1.6	20	12.6								
				4	50.4									
300	1250	1000	25	1.6	64	40	0.02	0.02	9,999,999	99,999,999				
				4	160									
			50	1.6	32	20								
				4	80									

Warranty

All meters will be guaranteed against defects in workmanship and materials for a period of one (1) year from the date of acceptance. Defective meters or parts discovered within this period shall be replaced without charge upon return to the HUI meters.