

LXLG(R)-50~500

HORIZONTAL WOLTMANN DETACHABLE DRY-DIAL COLD(HOT) WATER METER
Medidor de Agua, Horizontal y Desmontable, registro seco, Tipo Woltmann para agua fría/caliente

LXLG(R)Y-50~500

HORIZONTAL WOLTMANN DETACHABLE DRY-DIAL PULSE OUTPUT COLD(HOT)WATER METER
Medidor de Agua, Horizontal y Desmontable, registro seco, con salida de impulso para agua fría y caliente



This range of water meter is used to measure the total quantity of cold water which consumed in industrial enterprise & mining, passing through the pipeline.

Esta serie de medidores de agua esta diseñada para la medicion del consumo total de agua fria pasada por la tuberia de agua potable en las industrias y minas.

Compliance with standard: GB/T 778-2007
ISO 4064:2005



Feature:

- Dry-dial, magnetic drive and resistance to exterior magnet interference, vacuum sealed register ensures the dial free from fog and keep the reading clear in a long term service.
 - Select high quality materials for steady & reliable characteristic. Sustain its measuring accuracy and numeral display, keep its all measuring data
 - Low head loss
 - Register for universal use with this range detachable without removing the meter from the pipeline for a easy maintenance and replacement
 - Sensors plug and use, reliable, easy installation and maintenance
- Pulse constant : 10imp/m³ or 1imp/ m³
Connecting wire 1.5m or 5m ,special length can be supplied on request

Características:

- Registro seco, Transmision magnetica, el registro sellado vacio puede evitar el problema de condensacion
 - Selecccion de material de alta calidad que deja estable y segura la funcion
 - Baja perdida de presion
 - Sin necesidad de desmontar el medidor de agua desde tuberia, sino solo abre la tuerca superior de flange y saca el registro para la reparacion o reemplazo. Uso universal el registro. Facil mantenimiento y reparacion
 - Sensor solido y confiable, facil instalacion y mantenimiento
- Pulse constant : 10imp/m³ or 1imp/ m³
Connecting wire 1.5m or 5m ,special length can be supplied on request

MAIN TECHNICAL PARAMETER *Especificaciones técnicas*

| Meter Size DN (mm) | Q ₁ /Q ₂ | Q ₄ Overload Flowrate | Q ₃ Permanent Flowrate | Q ₂ Transitional Flowrate | Q ₁ Min Flowrate | Starting Flowrate L/h | Min Reading <i>lectura</i> m ³ | Max. Reading <i>lectura</i> m ³ |
|--------------------------|--------------------------------|--|---|--|-----------------------------------|-----------------------------|--|---|
| | | m ³ /h | | | | | | |
| 50 | 50 | 50 | 40 | 1.28 | 0.8 | 170 | 0.001 | 999999 |
| | 80 | | | 0.8 | 0.5 | | | |
| 65 | 50 | 50 | 40 | 1.28 | 0.8 | 170 | 0.001 | 999999 |
| | 80 | 78.75 | 63 | 1.26 | 0.7875 | | | |
| 80 | 50 | 78.75 | 63 | 2.016 | 1.26 | 280 | 0.001 | 999999 |
| | 80 | | | 1.26 | 0.7875 | | | |
| 100 | 50 | 125 | 100 | 3.2 | 2 | 300 | 0.001 | 999999 |
| | 80 | | | 2 | 1.25 | | | |
| 125 | 50 | 200 | 160 | 5.12 | 3.2 | 600 | 0.001 | 9999999 |
| | 80 | | | 3.2 | 2 | | | |
| 150 | 50 | 312.5 | 250 | 8 | 5 | 1000 | 0.001 | 9999999 |
| | 80 | | | 5 | 3.125 | | | |
| 200 | 50 | 500 | 400 | 12.8 | 8 | 1500 | 0.001 | 9999999 |
| | 80 | | | 8 | 5 | | | |
| 250 | 50 | 787.5 | 630 | 20.16 | 12.6 | 2500 | 0.001 | 9999999 |
| | 80 | | | 12.6 | 7.875 | | | |
| 300 | 50 | 1250 | 1000 | 32 | 20 | 6000 | 0.001/ 0.01 | 9999999/ 99999999 |
| | 80 | | | 20 | 12.5 | | | |
| 400 | 50 | 2000 | 1600 | 51.2 | 32 | 15000 | 0.001/ 0.01 | 9999999/ 99999999 |
| 500 | 50 | 3125 | 2500 | 80 | 50 | 20000 | 0.001/ 0.01 | 9999999/ 99999999 |

INDICATING ERROR

At low zone is $\pm 5\%$ from minimum flow rate (Q₁) to transitional flow rate (Q₂) exclusive boundary
 At high zone is $\pm 2\%$ (cold water) from transitional flow rate (Q₂) to overload flow rate (Q₄)
 At high zone is $\pm 3\%$ (hot water) from transitional flow rate (Q₂) to overload flow rate (Q₄)

ERROR MAXIMO PERMITIDO

De caudal mínimo a caudal de transición excluido $\pm 5\%$
 De caudal de transición a caudal sobre carga incluido fría: $\pm 2\%$ caliente: $\pm 3\%$

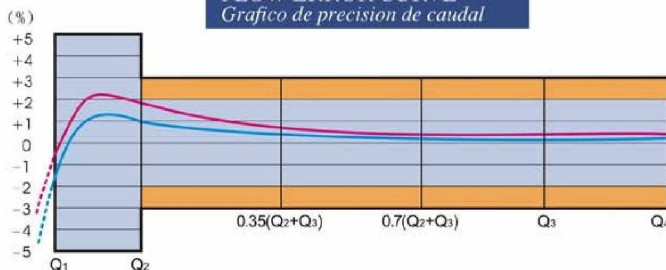
Working Condition

Temperature class: T50 (cold)
 T90 (hot)
 Water pressure class: MAP 10/ MAP 16
 Pressure loss class: ΔP 10

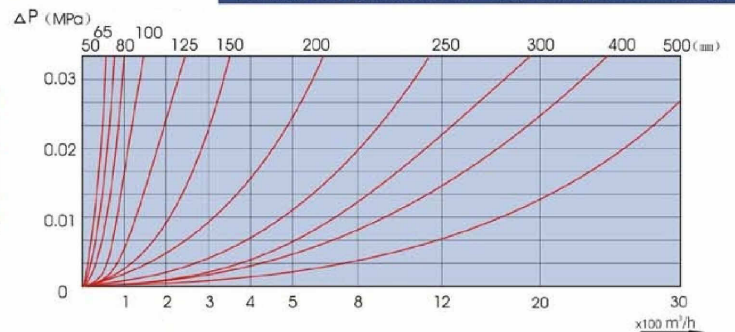
Condicion de trabajo:

Clase de temperatura: T50 (agua fría)
 T90 (agua caliente)
 Clase de presión: MAP 10/ MAP 16
 Clase de pérdida de carga: ΔP 10

FLOW-ERROR CURVE
Grafico de precision de caudal



PRESSURE LOSS CURVE *Grafico de perdida de carga*



DIMENSION AND WEIGHT *Dimension y peso*

| Dia DN (mm) | Length | Width | Height | Connecting Flange | | | Weight kg |
|-------------------|--------|-------|--------|-------------------|----------|-----------------------|--------------|
| | | | | mm | mm | Bolt Circle dia mm | |
| 50 | 200 | 175 | 257 | 165 | 125 | 4 × M16 | 12 |
| 65 | 200 | 185 | 267 | 185 | 145 | 4 × M16 | 13 |
| 80 | 225 | 200 | 277 | 200 | 160 | 8 × M16 | 15 |
| 100 | 250 | 220 | 287 | 220 | 180 | 8 × M16 | 16.5 |
| 125 | 250 | 245 | 297 | 245 | 210 | 8 × M16 | 22 |
| 150 | 300 | 285 | 375 | 285 | 240 | 8 × M20 | 41 |
| 200 | 350 | 340 | 400 | 340 | 295 | 8(12) × M20 | 53.5 |
| 250 | 450 | 395 | 484 | 395 | 350(355) | 12 × M20(M24) | 99 |
| 300 | 450 | 445 | 506 | 445 | 400(410) | 12 × M20(M24) | 105 |
| 400 | 500 | 565 | 621 | 565 | 515(525) | 16 × M24(M27) | 203 |
| 500 | 500 | 670 | 725 | 670 | 620(650) | 20 × M24(30) | 233 |

