



## WDE-K50

*Woltmann type pre-equipped for inductive modules*



Available version  
for hot water 30-90°C

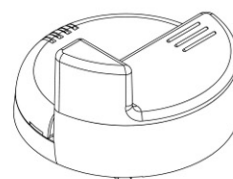
Available modules

### ITA mod. WDE-K50

Woltmann orizzontale a meccanismo estraibile. Orologeria sigillata con trascinamento magnetico a lettura diretta su rulli numeratori. Predisposizione induttiva per l'installazione di moduli di trasmissione dati wireless M-BUS OMS e lancia impulsi di tipo amagnetico.

### ENG mod. WDE-K50

Horizontal Woltmann with removable insert. Sealed counter mechanism with magnetic transmission. Inductive pre-equipment for the installation of data communicating modules wireless OMS M-Bus and non-magnetic pulse output.



mod. IWM-TX4

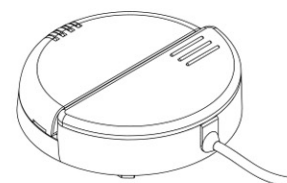


### ES mod. WDE-K50

Woltmann horizontal con tambor extraíble. Relojería sellada de arrastre magnético y lectura directa en los rodillos numerados. Predisposición inductiva para módulos de telemetría M-Bus wireless OMS y de pulsos amagnetico.

### FRA mod. WDE-K50

Compteur Woltmann horizontale à tambour extractible, mécanisme de comptage étanche à transmission magnétique, lecture directe sur rouleaux numériques. Pré-équipement inductif pour modules de télérelèvement M-Bus radio OMS et avec émetteur d'impulsions amagnétique.



mod. IWM-PL4



## Technical features

| Calibro<br>Size             | DN                        | mm<br>in | 50<br>(2") | 65<br>(2 1/2") | 80<br>(3") | 100<br>(4") | 125<br>(5") | 150<br>(6") | 200<br>(8") |
|-----------------------------|---------------------------|----------|------------|----------------|------------|-------------|-------------|-------------|-------------|
| R=100 H ↑                   | Overload flow rate Q4     | m³/h     | 50         | 78,75          | 125        | 200         | 200         | 312,5       | 500         |
|                             | Permanent flow rate Q3    | m³/h     | 40         | 63             | 100        | 160         | 160         | 250         | 400         |
|                             | Transitional flow rate Q2 | m³/h     | 0,64       | 1,008          | 1,6        | 2,56        | 2,56        | 4,0         | 6,4         |
|                             | Min flow rate Q1          | m³/h     | 0,40       | 0,63           | 1,00       | 1,60        | 1,60        | 2,5         | 4,0         |
| R=250 H ↑                   | Transitional flow rate Q2 | l/h      | 0,256      | 0,403          | 0,64       | 1,024       | 1,024       | 1,60        | 2,56        |
|                             | Min flow rate Q1          | l/h      | 0,16       | 0,252          | 0,40       | 0,64        | 0,64        | 1,00        | 1,60        |
| Min reading                 |                           | l        | 0,5        |                |            |             |             | 5           |             |
| Max reading                 |                           | m³       | 999.999    |                |            |             |             | 9.999.999   |             |
| Max pressure loss at Qs     |                           | bar      | 0,25       | 0,40           | 0,25       | 0,40        | 0,40        | 0,16        | 0,40        |
| Max admissible pressure MAP |                           | bar      | 16         |                |            |             |             |             |             |

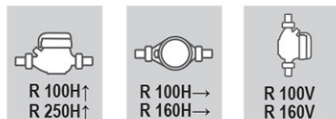
### Basic version

- R100-H/V
- Available for cold water 0°C-50°C and for hot water 30°C-90°C
- Magnetic transmission
- Direct reading on 6 numeric rolls
- Pre-equipment for the installation of communication modules
- With removable insert
- 360° rotating drydial
- With lid

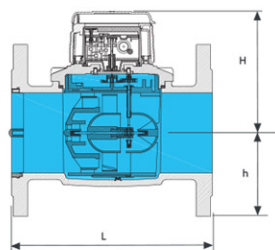
### Upon request

- R250-H ↑ R160-VH →
- Available for cold water 0°C-50°C only
- Anti-magnetic fraud protection

### Installation position

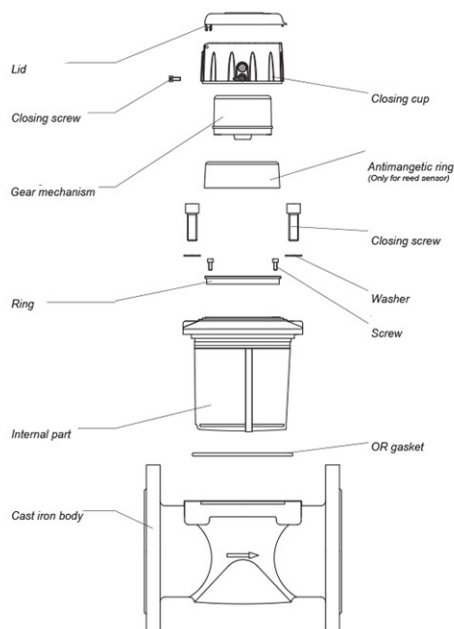


### Dimensions and Weights



| Size   | mm<br>in | 50<br>(2") | 65<br>(2 1/2") | 80<br>(3") | 100<br>(4") | 125<br>(5") | 150<br>(6") | 200<br>(8") |
|--------|----------|------------|----------------|------------|-------------|-------------|-------------|-------------|
| L      | mm       | 200        | 200            | 225        | 250         | 250         | 300         | 350         |
| H      | mm       | 130        | 130            | 152        | 152         | 152         | 181         | 181         |
| h      | mm       | 78         | 86             | 95         | 104         | 117         | 133         | 162         |
| Weight | kg       | 8,5        | 9,5            | 13,5       | 15          | 18          | 30,5        | 43          |

Flange ISO 7005-2 / EN 1092-2 PN16





Vesimittareiden laipan mitat (ISO 7005, PN16)

| <i>Nimelliskoko</i> | <i>Ulko-<br/>halkaisija<br/>mm (A)</i> | <i>Vastakk.<br/>Pulttien väli<br/>mm (B)</i> | <i>Pulttien<br/>lukumäärä</i> | <i>Reikäkoko<br/>mm (C)</i> | <i>Pultin koko</i> |
|---------------------|----------------------------------------|----------------------------------------------|-------------------------------|-----------------------------|--------------------|
| DN 50               | 165                                    | 125                                          | 4                             | 18                          | M16                |
| DN 65               | 185                                    | 145                                          | 4                             | 18                          | M16                |
| DN 80               | 200                                    | 160                                          | 8                             | 18                          | M16                |
| DN 100              | 220                                    | 180                                          | 8                             | 18                          | M16                |
| DN 125              | 250                                    | 210                                          | 8                             | 18                          | M16                |
| DN 150              | 285                                    | 240                                          | 8                             | 22                          | M20                |
| DN 200              | 340                                    | 295                                          | 12                            | 22                          | M20                |

