

mod.  
**WDE-K50**



Woltmann predisposto per moduli induttivi  
Woltmann type pre-equipped for inductive modules



Measuring Instrument Directive  
2014/32/EU - Approved



IT-TD-K0413  
04-20001



**Versioni alternative**  
Alternative versions

Acqua calda 30-90°C  
Hot water 30-90°C



**IT**

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 M-BUS cablati, wireless M-BUS, lancia impulsi  
di tipo amagnetico e LoRa.

**ES**

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 cable  
y wireless M-BUS, de pulsos no magnéticos  
y LoRa.

**EN**

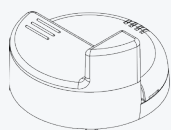
Horizontal Woltmann with removable insert.  
Sealed counter mechanism with magnetic  
transmission. Inductive pre-equipment for the  
installation of data communication modules M-BUS  
wired and wireless M-BUS, non-magnetic pulse  
output and LoRa.

**FR**

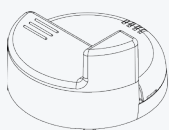
Compteur Woltmann horizontale à tambour extractible,  
mécanisme de comptage étanche à transmission  
magnétique, lecture directe sur rouleaux numériques.  
Pre-équipement inductive pour modules de télérelèvement  
M-Bus filaire et radio M-BUS, avec émetteur  
d'impulsions amagnétique et LoRa.

**Moduli compatibili — Compatible modules**

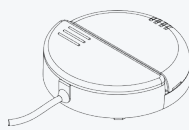
mod. IWM-TX4



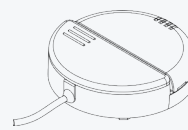
mod. IWM-LR4



mod. IWM-MB4



mod. IWM-PL4



## Caratteristiche tecniche Technical features

Calibro - Size		DN (in)	50 (2")	65 (2 1/2")	80 (3")	100 (4")	125 (5")	150 (6")	150 (6")	200 (8")	
R=100H ↑	Portata di sovraccarico Overload flow rate	Q <sub>4</sub>	m <sup>3</sup> /h	50	78,75	125	200	200	312,5	500	500
	Portata permanente Permanent flow rate	Q <sub>3</sub>	m <sup>3</sup> /h	40	63	100	160	160	250	400	400
R=160H ↑ *	Portata di transizione Transitional flow rate	Q <sub>2</sub>	m <sup>3</sup> /h	0,64	1,008	1,60	2,56	2,56	4,00	6,40	6,40
	Portata minima Min flow rate	Q <sub>1</sub>	m <sup>3</sup> /h	0,40	0,63	1,00	1,60	1,60	2,50	4,00	4,00
R=250H ↑ *	Portata di transizione Transitional flow rate	Q <sub>2</sub>	m <sup>3</sup> /h	0,256	0,403	0,64	1,024	1,024	1,60	2,56	2,56
	Portata minima Min flow rate	Q <sub>1</sub>	m <sup>3</sup> /h	0,16	0,252	0,40	0,64	0,64	1,00	1,60	1,60
Letture minima Min reading		L	0,5				5				
Letture massima Max reading		m <sup>3</sup>	9.999.999				99.999.999				
Perdita di carico alla Q <sub>3</sub> Max pressure loss at Q <sub>3</sub>		bar	0,25	0,40	0,25	0,40	0,40	0,16	0,40	0,40	
Pressione max ammissibile Max admissible pressure		bar	16								

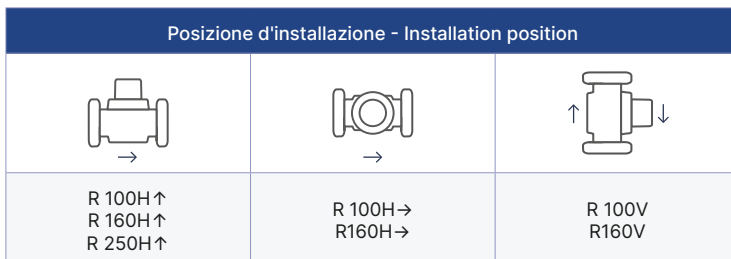
\*Versione su richiesta/ Version on request

### Versione base — Basic version

- > R100VH ↑ →
  - > Disponibile in versione per acqua fredda 0,1°C-50°C e per acqua calda 30°C-90°C
  - > Trasmissione magnetica
  - > Lettura diretta su 7 rulli numeratori
  - > Meccanismo estraibile
  - > Protezione antifrode magnetica
  - > Quadrante asciutto orientabile a 360°
  - > Con coperchio
- > R100 VH ↑ →
  - > Available for cold water 0,1°C-50°C and for hot water 30°C-90°C
  - > Magnetic transmission
  - > Direct reading on 7 numeric rolls
  - > With removable insert
  - > Anti-magnetic fraud protection
  - > 360° rotating drydial
  - > With lid

### Su richiesta — Upon request

- > R160H ↑ R100VH →
- > R250H ↑ R160VH → (Disponibile nella sola versione per acqua fredda 0,1°C-50°C)
- > R160H ↑ R100VH →
- > R250H ↑ R160VH → (Available for cold water 0,1°C-50°C only)



Dimensioni e pesi - Dimensions and Weights											
Calibro - Size	DN (in)	50 (2")	65 (2 1/2")	80 (3")	80 (3")	100 (4")	125 (5")	150 (6")	150 (6")	200 (8")	
L	mm	200	200	200	225	250	250	300	300	350	
H	mm	130	130	152	152	152	152	181	181	181	
h	mm	78	86	95	95	104	117	133	133	162	
Pesi Weight	Kg	8,5	9,5	12,5	13,5	15	18	30,5	30,5	43	

Flange ISO 7005-2 / EN 1092-2 PN16

