WDE-K50

Woltmann type pre-equipped for inductive modules



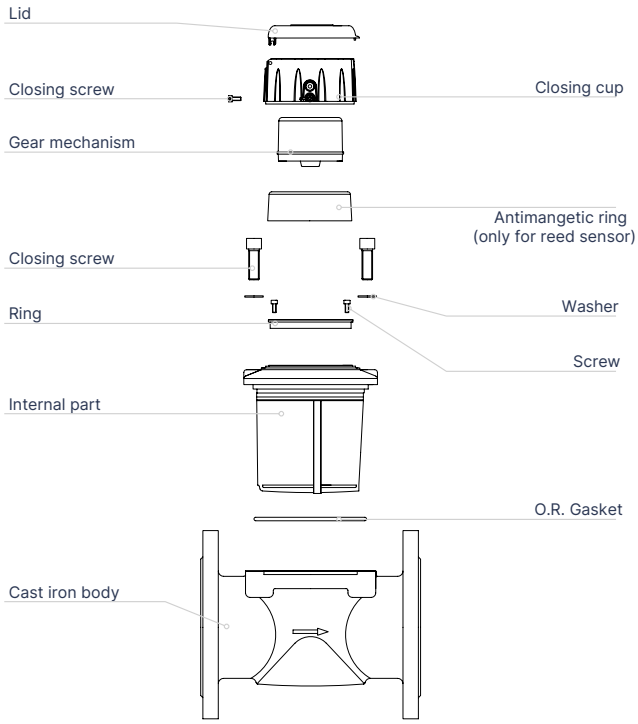
Alternative versions

Hot water 30-90°C



Description

Multi-jet, dry dial, magnetic transmission with 360° rotating lid. Versions for cold water and hot water. Inductive pre-equipment for the installation of data communicaton modules M-BUS wired and wireless M-BUS, non-magnetic pulse output and LoRa.



Basic Version

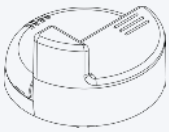
> R100 VH↑→
> Available for cold water 0,1°C-50°C and for hot
> water 30°C-90°C
> Magnetic transmission
> Direct reading on 7 numeric rolls
> With removable insert
> Anti-magnetic fraud protection
> 360° rotating drydial
> With lid

Upon request

> R160H ↑ R100VH →
> R250H ↑ R160VH → (Available for cold water
> 0,1°C-50°C only)

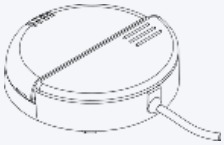
Compatible modules

mod. IWM-TX4



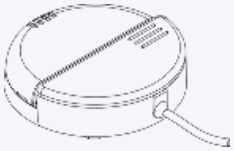
M-Bus

mod. IWM-PL4



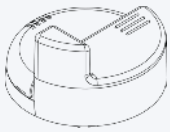
PULSE

mod. IWM-MB4



M-Bus

mod. IWM-LR4



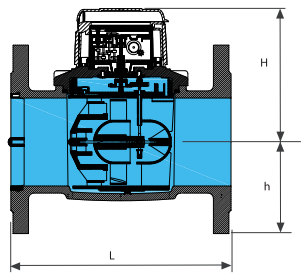
LoRaWAN

Technical features

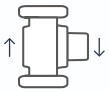
Size		DN (in)	50 (2”)	65 (2”1/2)	80 (3”)	100 (4”)	125 (5”)	150 (6’)	150 (6”)	200 (8”)
	Overload flow rate Q_4	m³/h	50	78,75	125	200	200	312,5	500	500
	Permanent flow rate Q_3	m³/h	40	63	100	160	160	250	400	400
R=100 H↑	Transitional flow rate Q_2	m³/h	0,64	1,008	1,60	2,56	2,56	4,00	6,40	6,40
	Min flow rate Q_1	m³/h	0,40	0,63	1,00	1,60	1,60	2,50	4,00	4,00
R=160 H↑*	Transitional flow rate Q_2	m³/h	0,40	0,63	1,00	1,60	1,60	2,50	4,00	4,00
	Min flow rate Q_1	m³/h	0,25	0,394	0,625	1,00	1,00	1,563	2,50	2,50
R=250 H↑*	Transitional flow rate Q_2	m³/h	0,256	0,403	0,64	1,024	1,024	1,60	2,56	2,56
	Min flow rate Q_1	m³/h	0,16	0,252	0,40	0,64	0,64	1,00	1,60	1,60
	Min reading	L	0,5						5	
	Max reading	m³	9.999.999						99.999.999	
	Max pressure loss at Q_3	bar	0,25	0,40	0,25	0,40		0,16	0,40	0,40
	Max admissible pressure	bar	16							

*Version on request

Dimensions and Weights



Installation position

		
R 100H↑ R 160H↑ R 250H↑	R 100H→ R160H→	R 100V R160V

Size	DN (in)	50 (2”)	65 (2”1/2)	80 (3”)	80 (3”)	100 (4”)	125 (5”)	150 (6”)	200 (8”)
L	mm	200	200	200	225	250	250	300	350
I	mm	130	130	152	152	152	152	181	181
H	mm	78	86	95	95	104	117	133	162
Weight	Kg	8,5	9,5	12,5	13,5	15	18	30,5	43

Threading: EN 1092-2 PN16