

WI-03-NKP | WI-08

Irrigation water meters (DN40-250)

Application

The irrigation water meters are intended for the measurement of water drawn from rivers and other bodies of water, and the output of contained wastewater piping in STPs up to 50°C, MOP 16 bar (PN16). For installation in horizontal piping with the counter upward (**H**↑), in vertical piping (**V**→), or in sloping piping. The standard version of the irrigation water meters features IP86-rated counters and are pre-equipped for operation in AMR systems via communication modules.

WI-08 (IP68)



(The water meter is available on request in the current painted version)



Meter versions:

- **-03** – plastic guards and an IP65 rotating counter
- **-08** – rotating counter designed for IP68-rated induction communication modules

Table 15. Basic technical data

Type	Q ₃ (m ³ /h)	DN (mm)	Length (mm)	Connection ends*	Net weight (kg)	NK pulse value (dm ³ /pulse)	
						Standard	On request
Cold irrigation water meters							
WI 40-03-NKP	20	DN40	200	flanged	7.6	1000	100
WI 50-03-NKP	25	DN50	200		8.2		
WI 65-03-NKP	40	DN65	200		9.7		
WI 80-03-NKP	63	DN80	225		12.1		
WI 100-03-NKP	100	DN100	250		14.8		
WI 125-03-NKP	160	DN125	250		18.8		
WI 150-03-NKP	250	DN150	300		24.6		
WI 200-03-NKP	400	DN200	350		34.7		
WI 250-03-NKP	630	DN250	450	43.1	-	-	
WI 40-08	25	40	200	flanged	7.5	-	-
WI 50-08	25	50	200		8.1		
WI 65-08	40	65	200		9.6		
WI 80-08	63	80	225		12.0		
WI 100-08	100	100	250		14.7		
WI 125-08	160	125	250		18.7		
WI 150-08	250	150	300		24.5		
WI 200-08	400	200	350		34.6		
WI 250-08	630	250	450		43.0		

Meter versions:

- **-03** (standard) – plastic counter cover, pre-equipped for NK transmitter modules, IP65 rotating counter
- **-08** (on request) – rotating counter designed for IP68-rated induction communication modules

* Connection flange bolt hole pattern:

- Standard: PN-EN 1092-2 (PN10), DIN 2532, DIN2501 (PN10), BS4504 (PN10)

Product features

- Easy counter reading
- Pre-equipped for optional induction communication modules
- Hermetic counter (optionally rated at IP68)
- Counter mechanism rotation lock of 360°
- Double-sided rotor bearings
- Reliable readings