

# MWN/JS-S

Spring-action valve coupled water meters (DN50-150)

## Application

Measurement of cold water consumption up to 30°C or 50°C with wide flow rate fluctuations (from minimum to maximum values), MOP 16 bar (PN16). Recommended for installation in industrial plants, public facilities (including hospitals, schools, and hotels), and apartment buildings – especially with fire hydrant couplings. For installation in horizontal piping with the counter upward (**H**). The standard versions of the coupled water meters are available with counters (IP65). The water meters are designed for operation in AMR systems via communication modules.

MWN/JS-S (IP68)



MWN/JS-S (IP65)

## Measurement range (MID):

- Cold water: **R630 to R4000 - H**

## Side water meter installation

- Standard version: right-hand (looking in the direction of flow)
- On request: left-hand (looking in the direction of flow)

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



Table 14. Basic technical data

Type	Q <sub>3</sub> (m <sup>3</sup> /h)	DN (mm)	Length (mm)	Connection ends	Net weight (kg)	NK pulse value (dm <sup>3</sup> /pulse)	
						Standard	On request
<b>MWN / type JS side water meter – Single-jet vane-wheel dry water meter</b>							
MWN/JS 50/4,0-S	R630	25	50	270 300***	17.5 19.4		
MWN/JS 65/4,0-S	R1000	40	65	300	21.0		
MWN/JS 80/4,0-S	R1600	63	80	300 350***	25.0 27.7		
MWN/JS 100/4,0-S	R2500	100	100	360 350***	30.0 30.0		
MWN/JS 150/16-S	R1600	250	150	500±15	75.0		
MWN/JS 50/4-S JS R160 Smart C+ side water meter	R1000	25	50	270 300***	17.5 19.4		
MWN/JS 65/4-S JS R160 Smart C+ side water meter	R1600	40	65	300	21.0		
MWN/JS 80/4-S JS R160 Smart C+ side water meter	R2500	63	80	270 350***	25.0 27.7		
MWN/JS 100/4-S JS R160 Smart C+ side water meter	R4000	100	100	360 350***	30.0 30.0		
MWN/JS 150/16-S JS R160 Master C+ side water meter	R2500	250	150	500±15	75.0		
MWN/JS 50/4,0-S-NKP**	R630	25	50	270 300***	18 19.9		10/0,25
MWN/JS 65/4,0-S-NKP**	R1000	40	65	300	21.5		1
MWN/JS 80/4,0-S-NKP**	R1600	63	80	300 350***	25.5 28.2	100 / 10	2,5
MWN/JS 100/4,0-S-NKP**	R2500	100	100	360 350***	30.5 30.5		100
MWN/JS 150/16-S-NKP**	R1600	250	100	500±15	75.5	1000 / 100	250
							1000
							–

Water meter versions:

\*-NKP – water meter counter (IP65) or (IP68) pre-equipped for installation of NK transmitter modules

\*\* The IP68-rated water meters are designed for induction communication modules only

The water meter pulse output feature requires the installation of a separately purchased transmitter module:

- NK (master water meter) (IP65) 31-8027-010000 or (IP68) 31-8027-050000

- NK (side water meter) (IP65) 31-9051-020000

\*\*\* Body length available on request

\*\*\*\* Connection flange bolt hole pattern:

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

- Special: PN-EN 1092-2 (PN16) (available on request)

## Product features

- Pre-equipped for optional data communication modules
- Wide measurement range
- Low starting flow
- Double-sided rotor bearings
- Easy counter reading
- Hermetic IP68 counter available on request
- Counter mechanism rotation lock of 358°
- Reliable readings