

# JS SMART C+

Single-jet vane-wheel dry water meters (DN15-20)

## Application

Measurement of water flow and volumes up to 50°C in full-flow rated, closed-loop systems, MOP 16 bar (PN16). For installation in horizontal piping with the counter upward (**H↑**) or to either side (**H→**) and in vertical piping with the counter sideways (**V**). The standard Smart C+ water meters feature 8-barrel counters (IP65), SN+ anti-tamper magnetic protection, brass bodies, and pre-equipped for AMR (automatic meter reading) connectivity via communication modules.



JS-02 SMART C+

## Measurement range (MID):

- Cold water: **R160 - (H↑); R63 - V, (H→)**



Table 3. Basic technical data

Type		Q <sub>3</sub> (m <sup>3</sup> /h)	DN (mm)	Length* (mm)	Connection ends	Net weight (kg)
<b>Cold water meters</b>						
JS 1,6-02 Smart C+	R160	1.6	15	110	G3/4	0.50
JS 1,6-03 Smart C+	R160	1.6	15	110	G3/4	0.22
JS 2,5-02 Smart C+	R160	2.5	15	110	G3/4	0.50
JS 2,5-03 Smart C+	R160	2.5	15	110	G3/4	0.21
JS 2,5-G1-02 Smart C+	R160	2.5	20	130	G1	0.60
JS 4-02 Smart C+	R160	4	20	130	G1	0.60

Water meter versions:

- 02 – 8-barrel counter, brass body, communication module installation ready
- 03 – 8-barrel counter, composite body, communication module installation ready

Available on request:

- IP68 – counter ingress protection (IP) rating
- Ti/Ir – with counter pointer in optical reading version or for APT-WMBUS-NA-1 module induction reading
- \* Custom designs of body length for JS 2,5 DN15 and DN20:  
L = 115 mm 3/4" > 3/4";  
L = 115 mm 1" > 1";  
custom thread sizes, e.g. L = 115 mm 7/8" > 3/4"

## Product features

- SN+: external EM fields immunity exceeds the standard requirements
- Pre-equipped for optional data communication modules
- Reliable readings in compliance with the latest MID requirements
- Easy counter reading
- Fogging-resistant hermetical counter (by increased sealing)
- Counter mechanism rotation lock of 358°
- External mechanical tamper protection
- Frost-damage protection
- Double-sided rotor bearings
- Water meter outlet end pre-equipped for an optional check valve