

DIGITAL SUPER DRY

360° ROTATABLE DISPLAY

DRY DIAL

EMBEDDED W-MBUS OMS RADIO



MODELS

SDUIF/15 WMB – SDUIF/20 WMB R160H50V
SDUIC/20 WMB – SDUIF/20 WMB R160H50V



- ❖ Single-jet meter, direct reading, fitted with an electronic counter **and LCD display**
- ❖ DRY 360° orientating dial for turbid and highly calcareous water,
- ❖ SDUIF/15 WMB and SDUIF/20 WMB models in DN 15 and 20 sizes, temperature class T50, measurement range up to R160H/R50V, fitted with **the WMB Wireless M-Bus OMS 868 MHz** radio module
- ❖ SDUIC/15 WMB and SDUIC/20 WMB models in DN 15 and 20 sizes, temperature class T90, measurement range up to R160H/R50V, fitted with **the WMB Wireless M-Bus OMS 868 MHz** radio module
- ❖ **U0-D0**: straight pipe not required upstream or downstream of the meter
- ❖ All models are **MID**-approved in accordance with Directive 2014/32/EU (Modules B and D), in compliance with **ISO 4064, EN 14154 and OIML R49**
- ❖ All models are certified for use with drinking water in accordance with **Ministerial Decree 174**

SUPER DRY

DN size mm – inches		15 - 1/2"	20 - 3/4"
Q ₃	Permanent flow rate	2,5	4,0
Q ₄	Overload flow rate	3,125	5,0
Q ₂	Transition flow rate with measurement range R160H [MPE ±2%]	25	40
Q ₁	Minimum flow rate with measurement range R160H [MPE ±5%]	15,6	25
S	Starting flow with measurement range R160H	4	8
	Accuracy class	2	2
ΔP	Pressure loss class	0,63	0,63
MAP	Maximum permissible operating pressure	16	16
	Minimum/maximum dial display range	0,0001 / 100.000	0,0001 / 100.000
1	Length of the meter excluding fittings	≥80	≥130
4	Maximum overall diameter	68	68
6	Height including antenna	88,6	93,6
3	Dial height	67,6	71,7
5	Height to the pipe	16	19
	Weight including fitting kit	0,660	0,840
	Weight excluding fittings	0,500	0,600

* A DN 15 version is available on request with a body length of 115 mm and a thread size of 3/4" x 3/4" or 3/4" x 7/8"

MODELS:

Temperature class T50

SDUIF/15 WMB DN 15

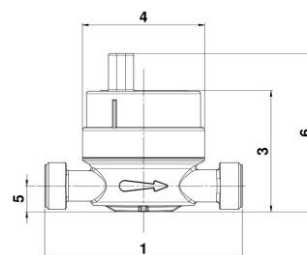
SDUIF/20 WMB DN 20

Temperature class T90

SDUIC/15 WMB DN 15

SDUIC/20 WMB DN 20

N.B. Other "R" models available on



AVAILABLE OPTIONS

- Resin coating on request
- All models can be supplied with a radio module for remote reading using the LoRaWAN™ / W-Mbus OMS protocol, or NB-IoT transmission.

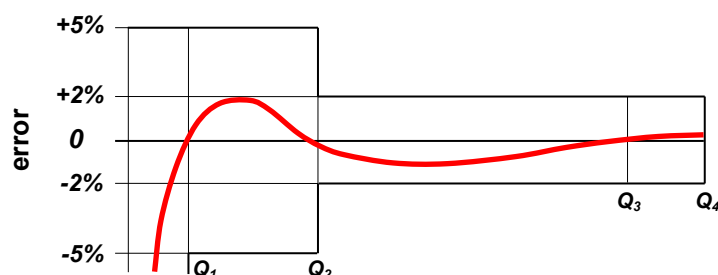


We reserve the right to amend the technical specifications, dimensions and weights stated in this technical data sheet at any time without prior notice. The illustrations are for illustrative purposes only. 03-26

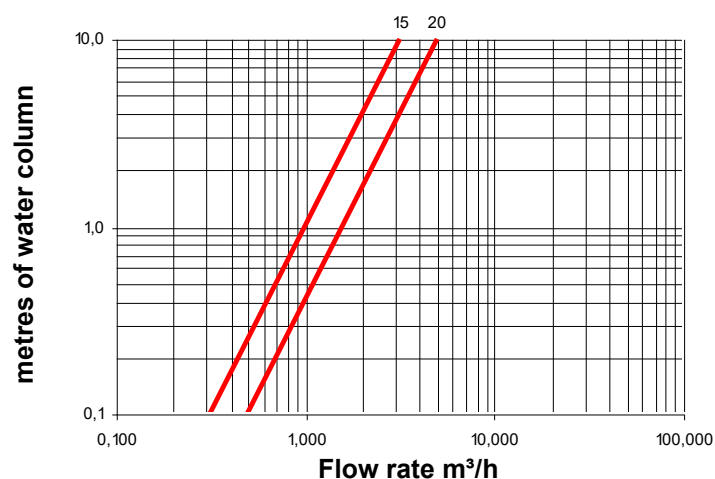
Technical specifications of the OMS Wireless-Mbus protocol

	Walk-by/Drive-by
Network type	868 MHz W-MBus, OMS-certified
Data transmitted	Sensor ID, consumption data, hardware status, battery level, alarms: mechanical tampering (removal), reverse flow, low battery, leaks, on-site temperature (on request)
Edit configuration data	Available via radio terminal
Transmission distance	Up to 500 metres in ideal conditions

TYPICAL ERROR CURVE



HEAD LOSS DIAGRAM



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