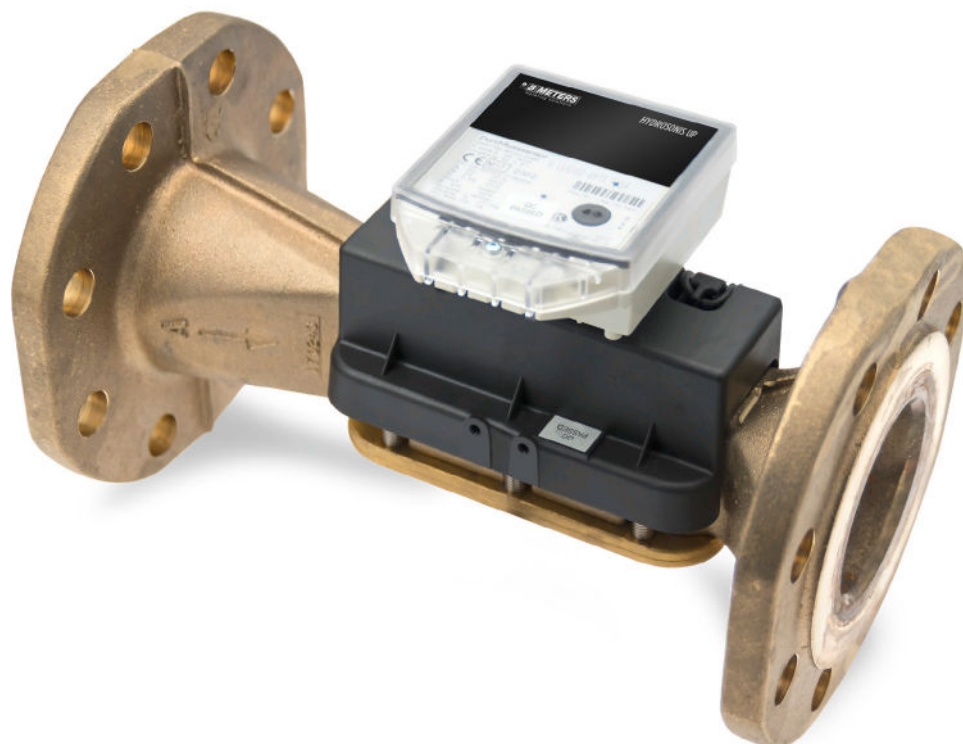




EN 1434

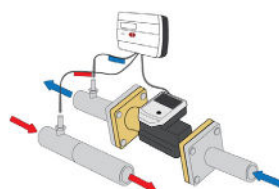


Description

Flow sensor based on the ultrasonic measurement technology. The absence of internal moving parts ensures maximum measurement accuracy, no maintenance requirement and constant functionality over time. The measurement precision of a fluid using the ultrasonic technology is not affected by the presence of debris and deposits and allows the installation of the meter in any position, either with ascending or descending flow. It can be combined with the thermal energy calculator mod. HYDROSPLIT-M3 for compliance with the standard EN1434.

Basic Version

- > Pulse output for the connection with the
- > HYDROSPLIT-M3
- > Metrological class 1:100 according to EN1434
- > Accuracy class 2
- > Battery life 9 years*
- > IP54 Protection Class of the flow unit

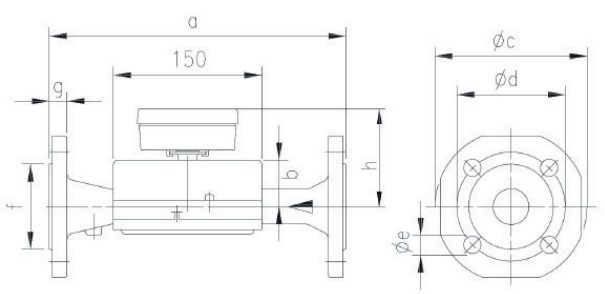


Example of installation on return pipe combined with mod. HYDROSPLIT-M3 calculator.

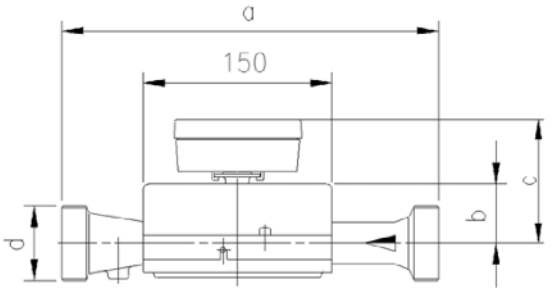
Technical features

Size		DN (in)	25 (1")	25 (1")	40 (1 1/2")	50 (2")	65 (2 1/2")	80 (3")	100 (4")
Max Flow Rate	qs	m³/h	7	12	20	30	50	80	120
Nominal Flow Rate	qp	m³/h	3.5	6	10	15	25	40	60
Min flow rate	qi	L/h	35	60	100	150	250	400	600
Pressure loss at qp		mbar	60	240	110	110	105	160	115
Operating limit		L/h	14	24	40	60	100	160	240
Working temperature		°C	5 -130						
Maximum admissible pressure		bar	25						
Pulse Value		L	10		100				

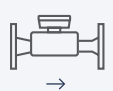
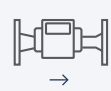
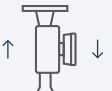
*The battery life strongly depends on the data transmission frequency, set during the configuration process, and on the environmental conditions.

Dimensions and Weights					
					
Size	DN (in)	50 (2")	65 (2 1/2")	80 (3")	100 (4")
a	mm	270	300	300	360
b	mm	59	52	56	68
Øc	mm	155	185	200	235
Ød	mm	125	145	160	190
Øe	mm	18	18	18	22
f	mm	102	122	138	158
g	mm	20	22	24	24
h	mm	93	97	101	113
Weight	Kg	8	11	13	22

Flange ISO 7005-2 / EN 1092-2 PN16

Dimensions and Weights			
			
Size	DN (in)	25 (1")	40 (1 1/2")
a	mm	260	300
b	mm	59	59
c	mm	96	93
d	in	G 1 1/4	G 2"
Weight	Kg	3	7

Threading: EN ISO 228-1:2003

Installation position		
		
R 100	R 100	R 100