

Cold Water Meter

Single-Jet Cold Water Meter

WRAS approved for domestic hot water applications



Highly reliable single-jet cold water meter designed for domestic applications.

The counter of the Sycous Single-Jet Cold Water meter offers a counter with a shielded magnetic coupling which delivers optimal results in terms of precision and measuring stability. This combines high performance at low flow rates and maximum resistance to high flow rates and pressure.

The Sycous Single-Jet Cold Water meter are designed for remote communication with a compact Wireless MBus radio module or a pulser with direct MBus output.

Revenue protection functionality and design provides further protection against tampering and water flow direction detection.



Features at a glance

- Inlet strainer with wide straining area
- Protection against external magnetic fields
- Nominal Pressure (PN) 16 bar
- Horizontal or vertical installation
- Hot forged brass body
- WRAS Approved

Technical Data				
Permanent flow	Q3	m ³ /h	2.5	4
Comparable to nominal flow (EWG)	Qn	m ³ /h		
Overall length without connectors	L2	mm	80, 100, 110, 115, 120	115-130
Overall length with connectors approx.	L1	mm	160-180-190-195-200	228
Nominal diameter	DN	mm	15	20
	DN	inch	½	¾
Standard measuring range	Q3/Q1	R		
Comparable to metrological class (EWG)	class		R(Q3 / Q1) 100 H- 50Y	
Maximum flow	Q4	m ³ /h	3.13	5
Minimum flow	Q1	l/h	25	40
Start-up flow rate		l/h	10	12
Maximum temperature	-	°C	50	50
Operating pressure	PN	bar	16	16
Pressure loss at	Q4	bar	63	40