

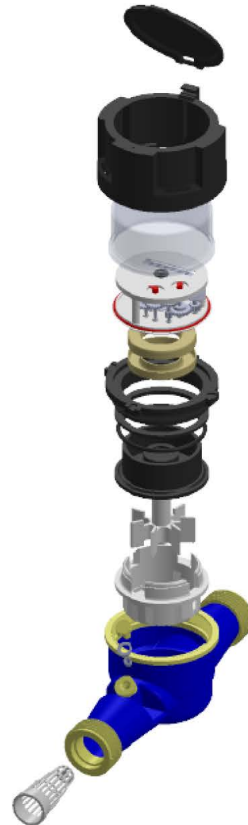
AYSU AYL-xx-AYS

Multijet Dry Type Water Meter

- **Metrological Performance & Ratio Superiority**
 - High Dynamic Range (R160): Designed to detect even the lowest flow rates, offering a high Q3/Q1 Ratio of 160. This ensures precise billing and efficient water management compared to standard meters.
 - Accuracy Class 2: Certified compliance with OIML R49 and EN ISO 4064 standards, guaranteeing Class 2 accuracy throughout its operational lifespan.
 - Installation Advantage (U0/D0): The meter features a U0/D0 sensitivity class, meaning it requires zero straight pipe distance before or after the meter. This allows for flexible installation in confined spaces without compromising accuracy.
- **Structural Durability & Quality Assurance**
 - Superior Pressure Resistance (MAP 16): Unlike standard 10-bar meters, the AYSU AYL Series is built to withstand a Maximum Admissible Pressure of 16 Bar (MAP 16), providing extra security against water hammer and high-pressure fluctuations.
 - Temperature Resilience (T50): Suitable for cold water applications up to 50°C (Temperature Class T30 & T50).
 - Robust Construction: Available in Brass, Bronze, or Composite body options to suit specific project requirements.
 - Tamper Protection: Equipped with magnetic protection rings and a mechanical sealing system to prevent unauthorized manipulation.
- **Additional Technical Data:**
 - Maximum Admissible Pressure (MAP): 16 Bar
 - Head Loss: Minimized hydraulic loss for efficient flow.
 - Indicating Range: 99,999 m³
 - Mounting Orientation: Horizontal (H) or Vertical (V)



LoraWan
Module



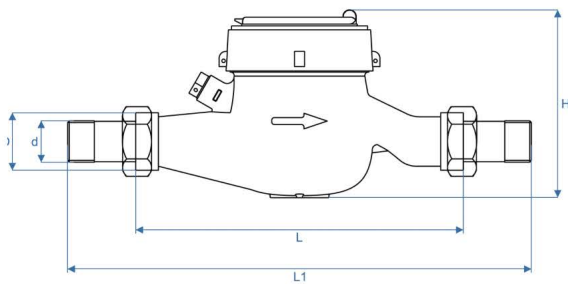
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AYL-xx-AYS

Data Sheet

	AYL-15-AC	AYL-20-AC	AYL-25-AC	AYL-32-AC	AYL-40-AC
Diameter - mm	DN15	DN20	DN25	DN32	DN40
Overload flowrate Q_4	$\leq 3,13$	$\leq 5,00$	$\leq 7,88$	$\leq 12,5$	$\leq 20,0$
Permanent flowrate Q_3	$\leq 2,50$	$\leq 4,00$	$\leq 6,30$	$\leq 10,0$	$\leq 16,0$
Transitional flowrate Q_2	$\geq 0,0200$	$\geq 0,032$	$\geq 0,063$	$\geq 0,1$	$\geq 0,16$
Minimum flowrate Q_1	$\geq 0,0125$	$\geq 0,0200$	$\geq 0,039375$	$\geq 0,0625$	$\geq 0,01$
Measuring range (R) Q_3/Q_1	≤ 160				
Accuracy Class	2				
Temperature class T	T30/T50				
Water pressure class Bar	MAP 16				
Horizontal length mm	100-165	110-190	160-260	160-260	160-260 200-300
Pressure loss class Bar	ΔP 63				
Flow profile sensivity class	U0 D0				
Orientation	H or V (gövdeye göre)				

Dimensions



Size	DN 15	DN 20	DN 25	DN 32	DN 40
L	165	190	260	260	300
D	G3/4B	G1B	G1 ^{1/4} B	G1 ^{1/2} B	G2B
H	100	100	110	110	120