

AVMP - MIDDLE/HIGH RATE FLOWMETERS

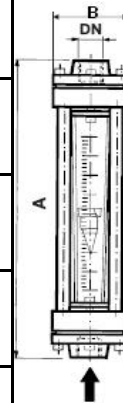
Direct reading variable area flowmeters are suitable for middle-high flow rate in liquids and gases. Good accuracy and visibility on graduated scale. Special glass conical inner tube, low drop pressure. Several body materials and range scales. Threaded or flanged connections. Easy installation and maintenance. Min & max switches alarms on options.



TECHNICAL NOTES

Measuring tube: Polycarbonate or Polysulfone
 Float: S.S.316, PVC, PTFE, Titanium, Monel, Hastelloy
 Coupling: threaded endings gas-npt, flanged ISO-ASA in carbon steel, pvc.
 Seals: hard rubber, FKM, PTFE
 Accuracy: +/- 3% f.s.
 Test pressure: 8 bar max

Size	Range H2O max l/h	Threaded connections	Lenght mm.		Flanged connections UNI-DN	Lenght mm	
			Metallic	PVC		Metallic	PVC
3	320	1/2"-3/4"-1"	372	420	15-20-25	504	528
	420						
	600						
	800						
3b	1200	3/4"-1"	372	420	20-25	504	528
	1500						
4	2000	3/4"-1"	380	428	20-25	508	532
	2500						
	3000						
5b	4000	1"1/4"-1"1/2"	380	428	32-40	508	562
	5000						
	6000						
K1	5000	1"1/4"-1"1/2"	485	533	32-40	613	667
	6000						
	8000						
K2	10000	1"1/2"-2"	481	557	40-50	615	679
	12500						
	15000						
K3	20000	2"-2"1/2"-3"	485	569	50-65-80	625	679
	25000						
	30000						
	37000						
	45000						



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AVDT - FLOWMETERS WITH ORIFICE PLATE

AVDT variable area flowmeters are mounting beside an orifice plate flanged. Suitable for high flow rate and available for aggressive fluids resistance. Special body construction on demand horizontal or vertical mounting. Upwards or downwards, from left or from right flow direction.

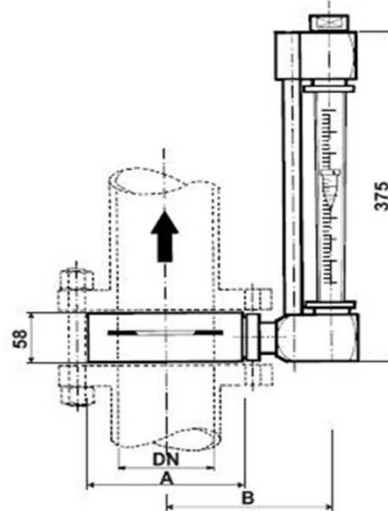
- Remote version on option
- Low and high flow rates switches alarms on demand.



TECHNICAL NOTES

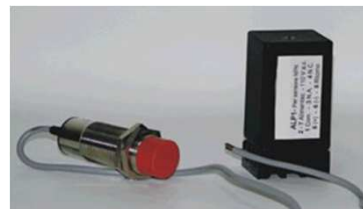
Body materials: S.S.304, S.S.316, carbon steel, PVC

Model	Qmax H2O mc/h	Flanged connections UNI PN10		
		DN	A mm.	B mm.
T-40	25	40	92	127
T-50	50	50	107	136
T-65	80	65	127	147
T-80	130	80	142	156
T-100	200	100	162	166
T-125	300	125	192	180
T-150	450	150	218	195
T-200	800	200	270	223
T-250	1000	250	328	281
T-300	1000	300	378	308



ALP - FLOW PROXIMITY SWITCHES

These transducers are one pole SPST (ALP/1 model) or two poles SPDT (ALP/3 model) switches. Coupled to flowmeters AVMP, AVDT models are fastly setting up on full scale. Supply voltage up to 110-230 Vac or 24 Vdc.



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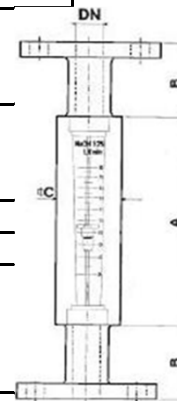
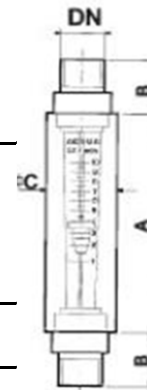
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AVRP - MIDDLE RATE FLOWMETERS

Plexiglas and polycarbonate variable area flowmeters have a conical calibrated hole built-in. Driven float or free float is made with different materials, as S.S. 316, Hastelloy, PVC, PTFE, PP, etc. Axial or square mounting. Threaded or flanged connections. +/- 3% base accuracy or less. 10 bar test pressure. PN16-PN25-PN40 UNI-DIN X version on demand.



Mod.	Q lt/h H2O	Threaded connections		Flanged connections	
		DN	A - B - C mm.	DN	A - B - C mm.
AVRP-R1	120	1/2"	127 - 35 - 35	15	127 - 60 - 35
	200				
	300				
	400				
	500				
AVRP-R2	600	1/2" 3/4" 1"	160 - 40 - 40	15 - 20 - 25	160 - 80 - 40
	800				
	1200				
	1500				
	2000				
AVRP-R3	3000	1"	190 - 40 - 40	25	190 - 80 - 45
	4000				
AVRP-R4	6000	1 1/4"	190 - 40 - 40	40	190 - 80 - 60
	8000	1 1/2"			
	12000	2"			
AVRP-PL1	200	1/2"	180 - 35 - 35	15	180 - 60 - 35
	400				
	600				
AVRP-PL2	800	1/2"	220 - 40 - 40	15	220 - 80 - 40
	1200	3/4"			
	2000	1"			
AVRP-PL3	4000	1"	260 - 40 - 45	25	260 - 80 - 45
AVRP-PL4	6000	1 1/2"	260 - 40 - 60	40	260 - 80 - 60
AVRP-PL5	10000	1 1/2"	260 - 40 - 75	40	260 - 80 - 75
	15000	2"		50	
	20000	2 1/2"		65	
	30000				



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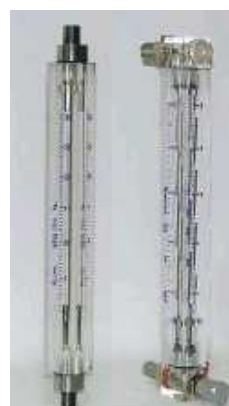
AVLAB - LABORATORY FLOWMETERS

AVLAB variable area flowmeters are suitable for precision measurements in low flow rates for liquids and gases. Axial or square mounting with or without needle valve for manual flow control. Fully plexiglas tubes:

Realise 1: brass needle valve.

Realise 2: PVC or S.S. materials, THD endings.

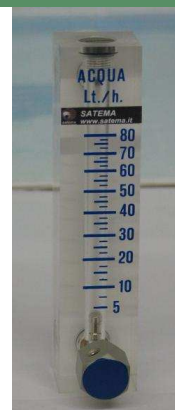
Realise 3: flanged version, PVC, only.



Mod.	Q H2O l/h	Threaded connections	Flanged connections	B	C	L
AVLAB	25	3/8" 1/2"	DN10 DN15	35	35	370
	60					
	100					
	150					
	200			40	40	380
	320					
	420					
	600					
800						

AVAM - LOW RATE FLOWMETERS

AVLAB variable area low flow rates in fluids. Acrylic body with conical axial graduate hole builtin. 316 S.S. float or other materials due to fluid composition (nylon, glass, aluminium, and so on). Assembled with needle valve for manual flow control. Axial or square mounting, threaded endings. Suitable for anaesthesia, purges, analysis and level measures.



Sizes	Square panel mounting				Axial mounting		
	1/8" - 1/4" - 3/8"				1/8" - 1/4" - 3/8"		
Lenght A	95	105	120	145	105	120	145
Lenght B	26	26	30	30	26	30	30



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