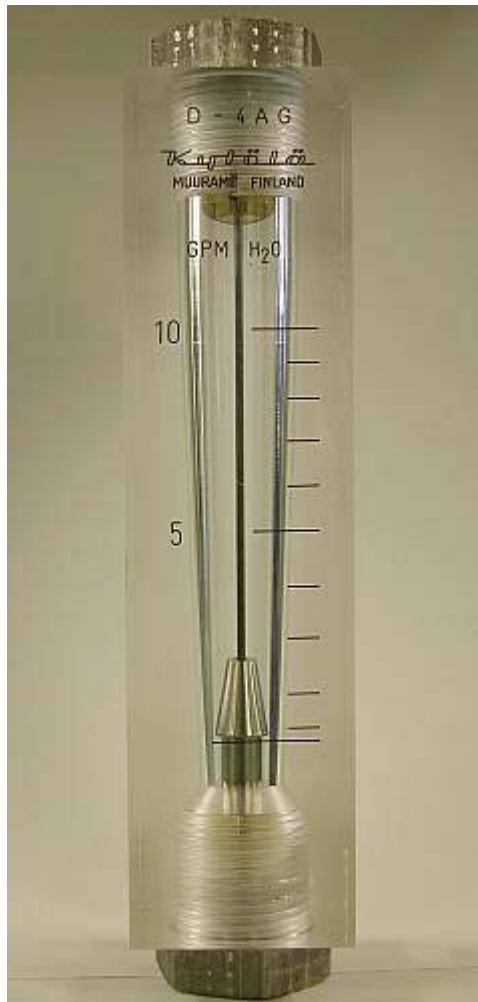


The Kytola variable-area flowmeter Model D is intended for use wherever a moderately priced but dependable instrument for measuring or monitoring flows of liquids or gases is required. The design of this flowmeter makes it excellent for use in places exposed to corrosion when there is no need for a built-in flow regulating valve.



Typical Applications

- Water treatment
- Sealing liquid measurement
- Air (gas) flow measurement

Features

- The body is made of clear acrylic into which a conical metering tube has been machined
- All metal parts are 316 SS
- Floats are easily removed to simplify instrument cleaning
- End connections are BSP standard
- NPT thread connections are available with the use of optional 316 SS or nylon thread adaptors

Performance

- Accuracy: $\pm 5\%$ of range
- Repeatability: 0.5% of reading
- Pressure drop: dependent on range; specifications available on request

Technical Specifications

	D
Flowtube / body	Acrylic
Seals	Nitrile
Connectors	AISI 316
Valve assembly	AISI 316
Max. pressure	3 Mpa / 30 bar / 450 psi
Max. temperature	75°C / 165°F
Connections	1" R

Order Guide

D	-	xx	x	-	x	FLOW RANGE			
						WATER		AIR	
						USGPM (G)	LPM (A)	SCFM (T)	NLPM (R)
4A						10	40	40	1200
4B						14	50	55	1400
4C						15	60	-	1500
4D						20	80	80	2000
4E						28	100	-	-

SCALE	
A	LPM water
D	Relative scale
G	GPM water
R	NLPM air (101.3 kPa @ 20°C)
T	SCFM air (14.7 psig @ 70°F)

OPTIONS	
N	NPT (specify size and type, see adaptors)
V	Viton O-rings
	Special calibration
	Special scale markings and ranges

THREAD ADAPTERS	
SIZE & MATERIAL	PART NUMBER
3/4" NPT AISI 316	ZADR1N3/4H
1" NPT AISI 316	ZADR1NH
1 1/4" NPT AISI 316	ZADR1N11/4H
3/4" NPT Nylon	ZADR1N3/4K
1" NPT Nylon	ZADR1NK
1 1/4" NPT Nylon	ZADR1N11/4K

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