

FLOWMETER TYPE H

Air, Water, Gases - In line mounting

TECHNICAL DATA

Max. Pressure	10 bar @ 20 °C (option 10 bar even 80°C)
Max. Temperature	50 °C (option 120 °C @ 2 bar)
Accuracy	±5% f.s. (H ₂ O a 20 °C)
Threads	1/2" BSP ÷ 1" 1/4 BSP - NPT
Weight	120 ÷ 980 gr

MATERIALS

Tube	Grilamid TR 55 (PA-12-020)
Filler	PVC (316 St. Steel, PVDF)
Floats	329 St. Steel (PTFE, Hastelloy C)
Gasket	Nitrile (Viton, EPDM)

SPECIAL EXECUTIONS ON DEMAND

- Calibration for non-standard gases or liquids (Special Range)
- Special Scale markings
- Special materials for high temperatures and special chemicals
- Special connectors

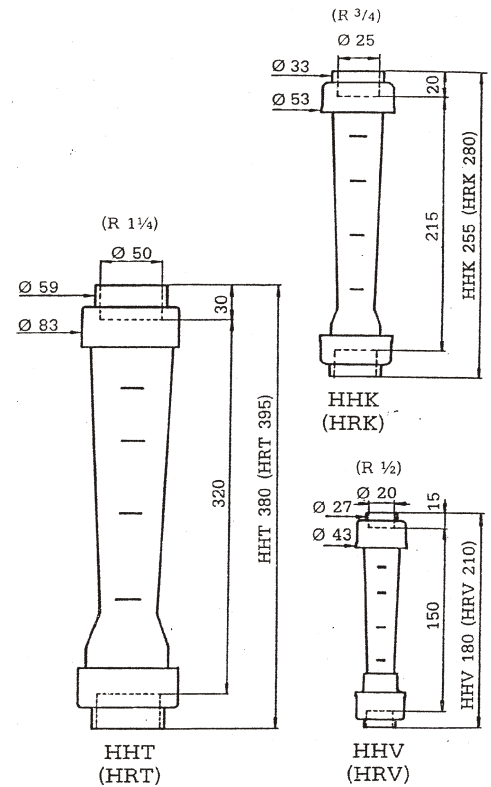
ORDERING CODE

H R K 4B C V

TYPE	H
CONNECTIONS	H - N - R
SIZE	V - K - T

	RANGE	H ₂ O (+20 °C)	AIR* (+20 °C / 101,3 kPa)
V	6H	0,02 ÷ 0,116 mq/h	0,07 ÷ 0,07 nmq/h
	3H	0,04 ÷ 0,2 mq/h	0,03 ÷ 0,13 nmq/h
	3K	0,075 ÷ 0,3 mq/h	0,04 ÷ 0,18 nmq/h
	3L	0,15 ÷ 0,5 mq/h	0,06 ÷ 0,28 nmq/h
	3M	0,15 ÷ 0,6 mq/h	0,075 ÷ 0,3 nmq/h
	4D	0,2 ÷ 1,0 mq/h	0,1 ÷ 0,5 nmq/h
	4E	0,025 ÷ 0,3 l/min	1 ÷ 9 nl/min
	4F	0,05 ÷ 0,45 l/min	1 ÷ 12 nl/min
K	4F		2 ÷ 20 nl/min
	4E	0,1 ÷ 1,1 l/min	2 ÷ 36 nl/min
	4A	0,2 ÷ 1,6 l/min	7,5 ÷ 45 nl/min
	4B	0,4 ÷ 2,4 l/min	
	4C		5 ÷ 70 nl/min
	4D		10 ÷ 90 nl/min
T	4E	2,5 ÷ 30 ml/min	0,1 1,2 nl/min
	4A	5 ÷ 55 ml/min	0,2 ÷ 1,8 nl/min
	4F	10 ÷ 80 ml/min	0,4 ÷ 2,6 nl/min
	4B	0,01 ÷ 0,11 l/min	0,5 ÷ 5,5 nl/min
	4C	0,02 ÷ 0,18 l/min	0,5 ÷ 7 nl/min
	4D		

SCALE	C - S
OPTIONS	V - W



EXPLANATION CODE

TYPE

H In line flow meters

MATERIALS

- H PVC Filler to stick
- N PVC Filler NPT threads
- R PVC Filler BSP threads

DIMENSIONS

- V DN 20 - 1/2" BSP - NPT
- K DN 25 - 3/4" BSP - NPT
- T DN 50 - 1" 1/4" BSP - NPT

FLOW RANGES

See left-side table

SCALES

- C mq/h H₂O
- S nmq/h Air @ 101,0 kPa a 20 °C

OPTIONS

- V PES tube
- W PES tube + Viton gasket

* NB when is ordered flow meter used with gases, you must indicate the working pressure in the tube. The flow meter it will always realized and setting on the supplied pressure value.