

The Kytola® Variable Area Flow Meter Model EA with adjustable flow alarm is designed for applications where continuous flow control is essential.

The adjustable flow alarm and clear scale guarantees easy and reliable flow monitoring.



- Adjustable alarm
- Adjustable flow rate
- Several flow ranges
- Various alarm sensor choices
- Scales for alternative liquids and gases

FLOW METER WITH ADJUSTABLE ALARM EA

FEATURES

Max. flow 2.5 L/min H₂O

Max. flow 90 NL/min air
at 1.013 bar (abs)

Max. pressure 10 bar

Max. temperature +75°C

Clear, easy-to-read scale

Reliable operation

Acrylic (PMMA) body

TYPICAL APPLICATIONS

Heat treatment ovens

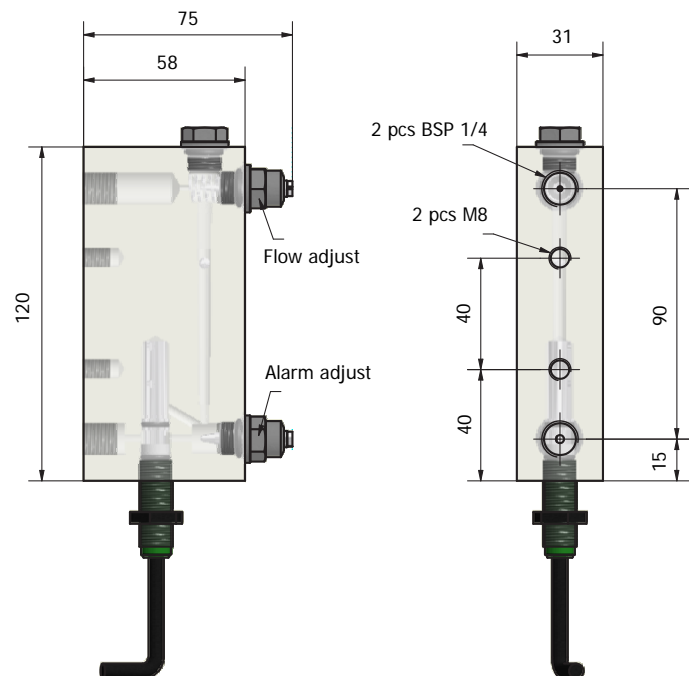
Automatic welding lines

Model	EA
Max. pressure	10 bar
Max. temperature	75°C
Accuracy	±5% F.S. (H ₂ O +20°C)
Connections	BSP 1/4", thread adapters must be used for NPT connections
Alarm sensor	NAMUR or PNP/NPN
Body	Acrylic (PMMA)
Alarm float	Stainless steel AISI 316
Valve housings/plugs	Nylon or stainless steel AISI 316
Valve spindles	Stainless steel AISI 316
Seals	Nitrile (*Viton, EPDM)
Weight	360 g

*) Special construction on request

EA					
Valve Housing / Plug Material					
AISI 316		H			
Nylon		K			
Flow Range					
H₂O		Air			
2 – 16 mL/min	0.1 – 0.8	NL/min*		2K	
2.5 – 30 mL/min	0.1 – 1.2	NL/min*		2L	
5 – 55 mL/min	0.2 – 1.8	NL/min*		2M	
10 – 80 mL/min	0.4 – 2.6	NL/min*		2N	
0.01 – 0.11 L/min	0.5 – 5.5	NL/min*		3K	
0.02 – 0.18 L/min	0.5 – 7.0	NL/min*		3L	
0.025 – 0.3 L/min	1 – 9	NL/min*		3M	
0.05 – 0.45 L/min	1 – 12	NL/min*		3N	
0.05 – 0.5 L/min	2 – 20	NL/min*		4B	
0.1 – 1.1 L/min	2 – 36	NL/min*		4A	
0.2 – 1.6 L/min	7.5 – 47.5	NL/min*		5E	
0.2 – 2.2 L/min	5 – 70	NL/min*		5S	
0.5 – 2.5 L/min	10 – 90	NL/min*		5F	
Factory assigned model number for special scale XX					
Scale					
H ₂ O (L/min) at +20°C				A	
Air (NL/min) at +20°C / 1.013 bar (abs)				R	
Factory assigned model number for special scale				XX	
Alarm Range					
H₂O		Air			
0.005 – 0.35 L/min	0 – 0.2...10	NL/min*		A	
0.03 – 0.5 L/min	1.5 – 17	NL/min*		B	
0.15 – ∞ L/min	3.5 – ∞	NL/min*		C	
Sensors					
Without sensor				D	
PNP/NPN (2-wire)				F	
NAMUR				N	
Special Features					
Hand knob in valve				H	
Viton seals				V	

*Example air ranges at +20°C / 1.013 bar (abs) for calibration purpose only



NOTE: The gas scale always has to be calibrated according to the actual medium, inlet pressure, and temperature.

NOTE: When ordering special flow meters (range or scale or both), process conditions must be mentioned as shown in the special product code example below.

PRODUCT CODE EXAMPLES

Standard product code	EAK-2KA-AN-HV
Special product code	EAH-XXXX-BT
Medium	CO ₂
Max flow rate	13 NL/min
Min flow rate	1 NL/min
Operating pressure	2 bar(g)
Operating temperature	+20°C
Alarm max flow rate	10 NL/min
Alarm min flow rate	1 NL/min