



FLOW METER WITH ADJUSTABLE ALARM

MODEL EA

- ▶ Adjustable alarm
- ▶ Adjustable flow rate
- ▶ Clear, easy-to-read scale
- ▶ Reliable operation
- ▶ Several flow ranges
- ▶ Various alarm sensor possibilities
- ▶ Scales for alternative liquids and gases

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.

FEATURES

Max. flow 2.5 L/min H₂O

Max. flow 90 NL/min air at 101.3 kPa

Max. pressure 10 bar

Max. temperature +75°C

Acrylic (PMMA) body

TYPICAL APPLICATIONS

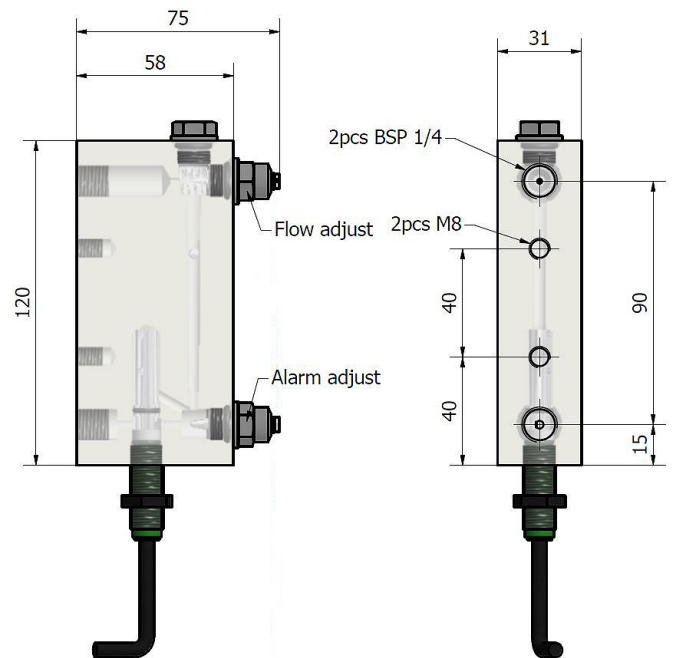
Heat treatment ovens

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		Special Features	
		H	Hand knob in valve
		V	Viton® seals
		Sensors	
		D	Without sensor
		F	PNP/NPN (2-wire)
		N	NAMUR
		Alarm Range	
		H ₂ O	Air
	A	0.005 – 0.35 L/min	0.2 – 10 NL/min*
	B	0.03 – 0.5 L/min	1.5 – 17 NL/min*
		Scale	
	A	H ₂ O (L/min at +20°C)	
	R	Air (NL/min) at +20°C / 101.3 kPa	
	XX	Factory assigned model number for special scale	
		Flow Range	
		H ₂ O	Air
	2K	2 – 16 mL/min	0.1 – 0.8 NL/min*
	2L	2.5 – 30 mL/min	0.1 – 1.2 NL/min*
	2M	5 – 55 mL/min	0.2 – 1.8 NL/min*
	2N	10 – 80 mL/min	0.4 – 2.6 NL/min*
	3K	0.01 – 0.11 L/min	0.5 – 5.5 NL/min*
	3L	0.02 – 0.18 L/min	0.5 – 7.0 NL/min*
	3M	0.025 – 0.3 L/min	1 – 9 NL/min*
	3N	0.05 – 0.45 L/min	1 – 12 NL/min*
	4B	0.05 – 0.5 L/min	2 – 20 NL/min*
	4A	0.1 – 1.1 L/min	2 – 36 NL/min*
	5E	0.2 – 1.6 L/min	7.5 – 47.5 NL/min*
	5S	0.2 – 2.2 L/min	5 – 70 NL/min*
	5F	0.5 – 2.5 L/min	10 – 90 NL/min*
	XX	Factory assigned model number for special range	
		Valve Housing / Plug Material	
	H	AISI 316	
	K	Nylon	

*Example air ranges at +20°C 101.3 kPa 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