

The EMC/EHC/EBC models are cost-effective flow meters suitable for locations exposed to corrosion.



Applications

- Process industry
- Chemical industry
- Water treatment plants
- General liquid and gas measurement

Features

- Low cost
- Good corrosion resistance
- Easy maintenance and mounting
- Socket type or threaded

Options

- Inductive flow alarm
- Viton or EPDM seals
- PES/PSU flowtube
- Kynar and various metallic adapters
- Calibration for non-standard gases and liquids
- Special scale markings
- Special materials for high temperatures and corrosive chemicals

Technical Specifications

	EMC	EHC	EBC
Flowtube/Body	Grilamid TR55	Grilamid TR55	Grilamid TR55
Seals	Nitrile	Nitrile	Nitrile
Adapter	PVC	PVC	PVC
Float	AISI 304/316	AISI 304/316	AISI 304/316
Max. pressure Grilamid TR55	145 psi @ 68°F (20°C)	145 psi @ 68°F (20°C)	145 psi @ 68°F (20°C)
Max. temperature Grilamid TR55	122°F (50°C) @ 29 psi	122°F (50°C) @ 29 psi	122°F (50°C) @ 29 psi
Connection size/thread	1/2" NPT or socket	3/4" NPT or socket	1 1/2"/1 1/4" or socket
Accuracy	±5% F.S. (H ₂ O @ 20°C)	±5% F.S. (H ₂ O @ 20°C)	±5% F.S. (H ₂ O @ 20°C)
Weight	0.3 lbs. (120 g)	0.6 lbs. (280 g)	2.2 lbs. (980 g)



Flowmeter EMC/EHC/EBC

Order Guide

EMC -				½" NPT connections			
EHC -				¾" NPT connections			
EBC -				1½" NPT connections			
FLOW RANGE (EMC)							
				WATER		AIR	
				USGPM	LPM	SCFM	NLPM
A				0.5	2	2.75	70
B				0.9	3.25	5	130
C				1.4	5	6.5	180
D				2.2	8	10	280
E				2.6	10	12	300
F				4.5	17	20	500
G				5.5	22	24	650
H				8	30	35	900
FLOW RANGE (EHC)							
A				11	44	47.5	1200
B				15	55	60	1700
C				16	60	65	1800
D				20	80	80	2200
FLOW RANGE (EBC)							
A				14	50	75	2000
B				28	105	115	3000
C				42.5	160	160	4250
D				50	200	240	6000
E				80	300	320	8500
F				100	375	550	14000
SCALE							
1				Water USGPM			
2				Air SCFM (14.7 psia @ 70°F)			
3				Dual Scale USGPM / SCFM			
4				Water LPM			
5				Air NLPM (101.3 kPa @ 20°C)			
6				Dual Scale LPM / NLPM			
R				Relative Scale (1-10)			
OPTIONS							
P				PES/PSU flowtube			
A				Alarm bracket (EHC, EBC only)			
S				Socket type connector			
R				BSP threads			
F				1-¼" threads (EBC only)			
V				Viton o-ring seals			
E				EPDM o-ring seals			
C				CPVC end connectors & float stops			

How to specify the model number (eg. EMC-A1-P)

1. Select connection size (EMC for ½")
2. Select flow range/scale (D1 for 2.2 USGPM water)
3. Select options (P for PES flowtube)

Special constructions

Use the code EMC-EXXXX as these meters will be given a unique number from the factory, eg. EMC-EAC34.

Manufacturer

Distributor

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