



UK Flowtechnik

Specialists in flow metering, pumps, couplings
and process measurement equipment

PRODUCT DATASHEET



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PE202 Low Flow Magnetic Inductive Flowmeter



The PE202 magmeter is designed for low-flow chemical injection or difficult-to-meter applications with pulsating metering pumps in 3/4" to 1/4" pipe/tube. With no moving parts, the PE202 can handle fluids containing particulate matter without clogging or jamming, keeping maintenance at a minimum. Corrosion-resistant with no metallic parts (100% PVDF body and PVDF carbon fiber-filled electrodes), the meter is compatible with a wide range of chemicals.

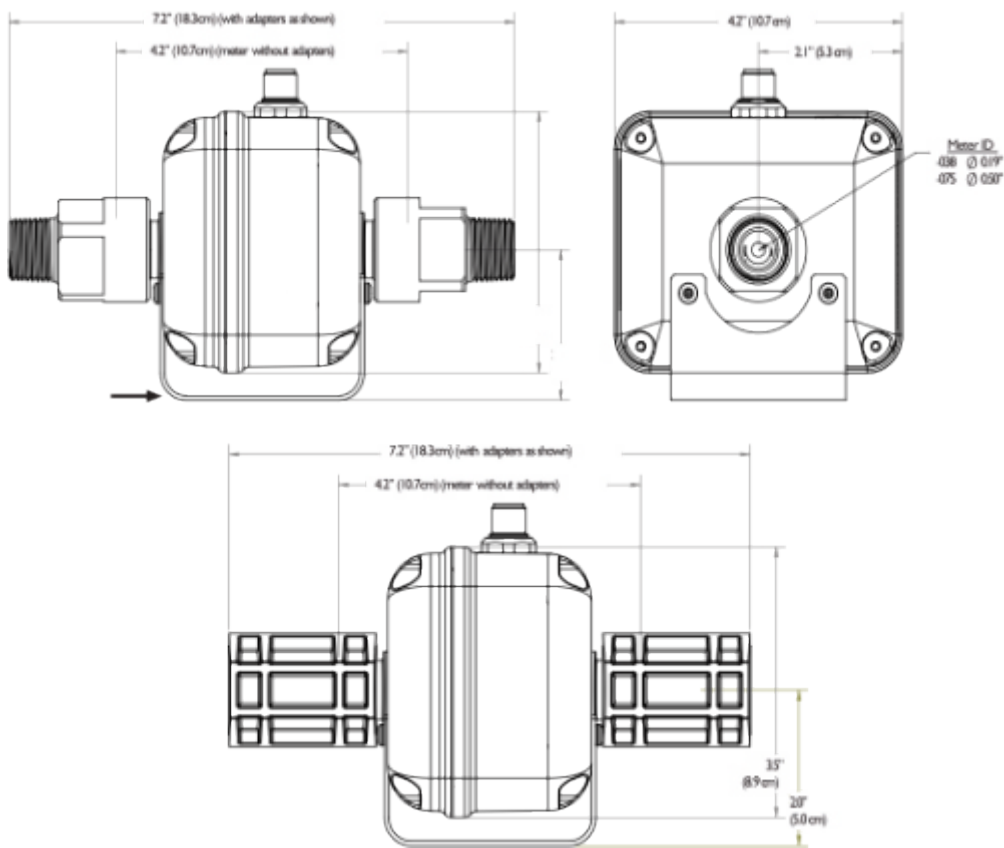
Features & Benefits

- No moving parts
- Requires no straight pipe
- Pulse and/or 4-20 mA output Chemical and corrosion resistant
- Insensitive to fluid density and fluid viscosity changes

Technical Data

	038	075
Flow Range l/min	0.11-11.3	0.76-75.6
Connection Size	1/2" NPT male (other sizes 1/4", 1/2", 3/8" & 3/4" via adaptors)	
Meter Factor (Pulses per litre)	1000	500
Body Material	PVDF	PVDF
Electrode Material	Carbon filled PVDF	
Adaptor Material	Polypropylene or PVDF	
Linearity	+/- 1% + 0.008l/min of reading	+/- 1% + 0.02l/min of reading
Minimum Conductivity	>20 µS/cm	
Max Pressure (Bar)	10.3	
Max Temperature (°C)	93°C	
Power Supply	10-15 Vdc, 150 mA	
Outputs	NPN/PNP pulsed output (30 Vdc 5mA), 2 wire 4-20 mA analogue output	

Dimensional Data



Ordering Information

PE202

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075

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103417

Product Identifier

In-Liner Low Flow Magnetic Inductive Flowmeter

PE202

Meter Size

0.11-11.3 l/min	038
0.76-75.6 l/min	075

Adaptor Options

Standard 1/2"-14 male NPT	--
1/2" NPT female in PVDF	103411
1/4" NPT male in PVDF (038 only)	103412
1/4" NPT male in PP (038 only)	103413
3/8" NPT male in PVDF (038 only)	103414
3/8" NPT male in PP(038 only)	103415
1/2" NPT male in PVDF	103416
1/2" NPT male in PP	103417
3/4" NPT male in PVDF	103418
3/4" NPT male in PP	103419