

Technical Data Sheet

FMC250 Flow Meter in Polypropylene & ETFE Construction

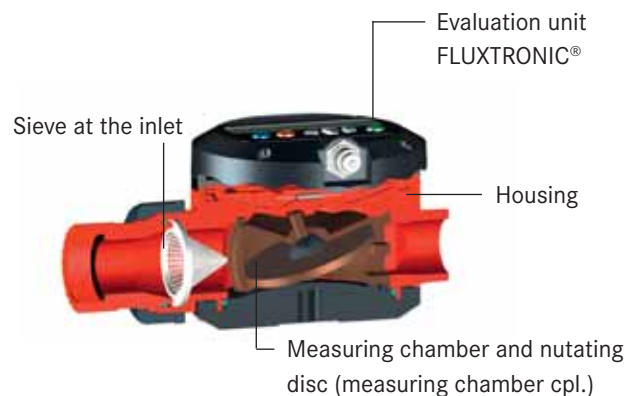


More than just pumps



Advantages/characteristics:

- ▶ Nutating disc design
- ▶ For low-viscosity to medium-viscosity media
- ▶ With integrated digital display unit
FLUXTRONIC® or available as pulse version
- ▶ For use in pipework as fixed installation
- ▶ Flow rate of 2.64 - 26.4 GPM (10 - 100 l/min.)
- ▶ High accuracy and repeat accuracy
- ▶ Signal transduction at FLUXTRONIC® or other external control e. g. PCC possible
- ▶ Display in litre, gallon or kilogram possible
- ▶ Semiautomatic filling in connection with a switching amplifier possible
- ▶ For Ex-application in zone 1

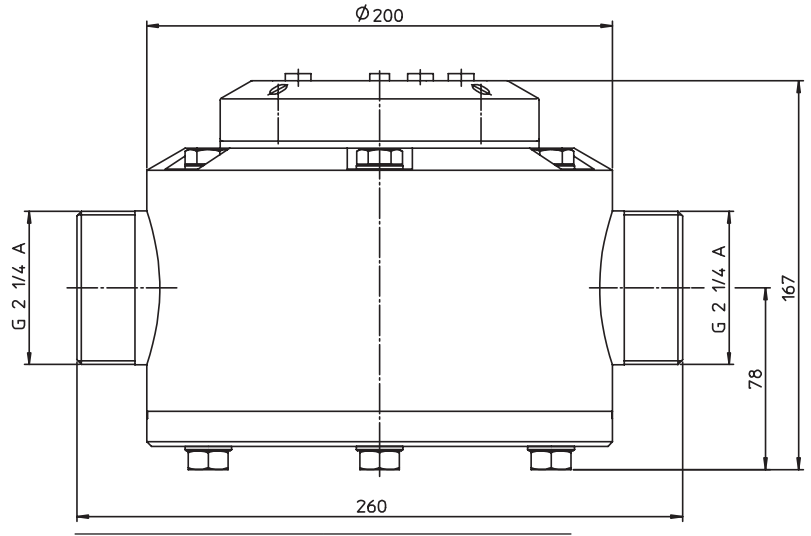


Technical data

	FMC 250
Versions also in	
Protection class	IP 54
Application area	For stationary use in plant engineering
Flow rate GPM (l/min)	6.6 - 66 (25 - 250)
Measurement error of the flow rate	+/- 1.5 %
Repeatability	+/- 0.3 %
Operating pressure max.	87 psi (6 bar)
Viscosity max.	2,500 cPs
Material housing	Polypropylene, Polyvinylidene fluoride

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FMC250 for Fixed Installation into Pipework



Type	FMC 250/PP/0/A	FMC 250/PP/1/A	FMC 250/PVDF/0/A	FMC 250/PVDF/1/A
Flowrate	6.6-66 GPM (25-250 lpm)	6.6-66 GPM (25-250 lpm)	6.6-66 GPM (25-250 lpm)	6.6-66 GPM (25-250 lpm)
Operating pressure	max. 87 PSI (6 bar)	max. 87 PSI (6 bar)	max. 87 PSI (6 bar)	max. 87 PSI (6 bar)
Viscosity	max. 2,500 cPs	max. 2,500 cPs	max. 2,500 cPs	max. 2,500 cPs
Operating temperature	max. 140°F (60°C)	max. 140°F (60°C)	max. 140°F (60°C)	max. 140°F (60°C)
Accuracy	± 1%	± 1%	± 1%	± 1%
Mode of operation	Normal mode or auto mode in conjunction with interface amplifier Type FSV 100			
Inlet-outlet connections*	G 2 1/4 A (BSP 2 1/4" male)	G 2 1/4 A (BSP 2 1/4" male)	G 2 1/4 A (BSP 2 1/4" male)	G 2 1/4 A (BSP 2 1/4" male)
Material: meter body	Polypropylene (PP)	Polypropylene (PP)	Polyvinylidenfluoride (PVDF)	Polyvinylidenfluoride (PVDF)
Material: measuring chamber	Polyethylene (PE)	Polyethylene (PE)	Polyvinylidenfluoride (PVDF)	Polyvinylidenfluoride (PVDF)
Material: seal	EPDM (0)	FKM (1)	EPDM (0)	FKM (1)
Weight	9.3 lbs (4.2 kg)	9.3 lbs (4.2 kg)	9.3 lbs (4.2 kg)	9.3 lbs (4.2 kg)
Part No.	10-A04 25 400	10-A04 25 410	10-A04 25 600	10-A04 25 610

* other connections on request

Accessory for all models FMC



Protective boot for display unit against impurities and corrosive vapours

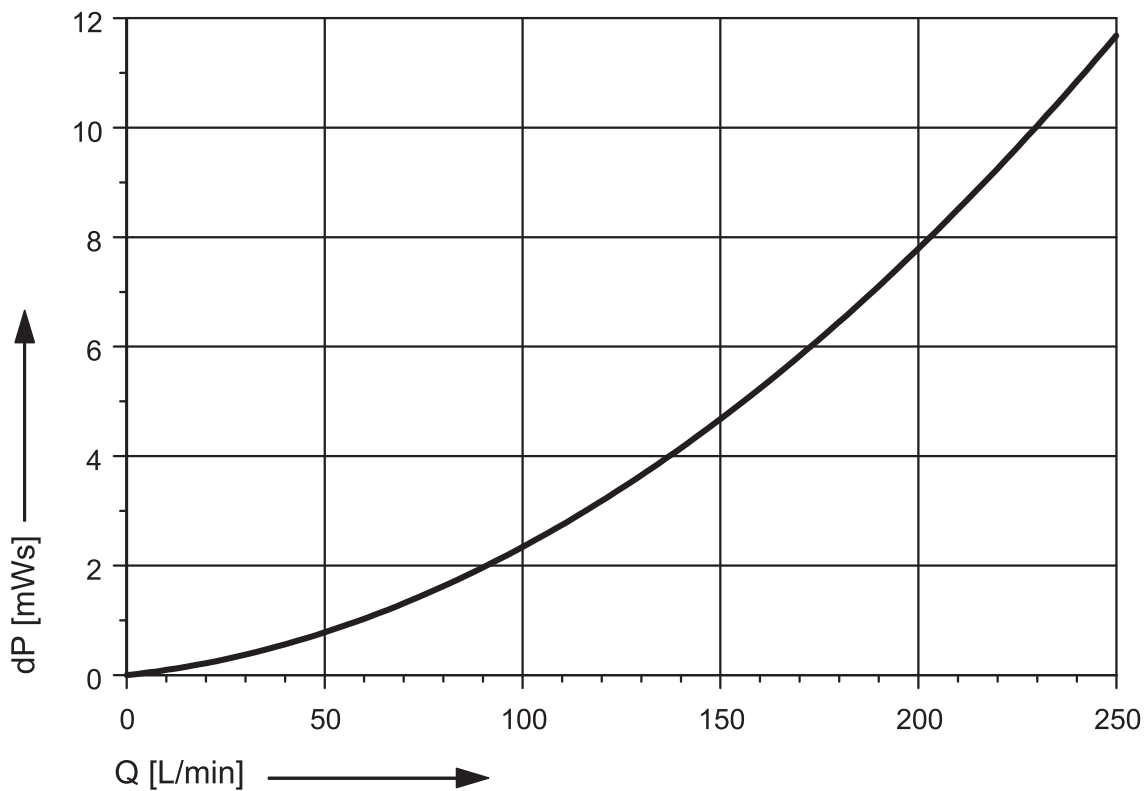
Part No. 10-001 42 017

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FMC250 Flow Meter in Polypropylene & ETFE Construction

Type FMC 250 Pressure Loss Chart

Values with water at 68°F (20)°C
Tolerance $\pm 5\%$



FLUX PUMPS CORPORATION
300 Townpark Drive, Suite 130
Kennesaw, GA 30144, USA
Phone 800-367-3589
info@fluxpumpsusa.com
www.fluxpumpsusa.com