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K700 M

Mechanical flow meters with oval gears

Volumetric flow meters with mechanical indicator for dispensing control of diesel fuel in high flow-rate plants. Thanks to the measuring system with oval gears, high accuracy over the entire flow rate range is achieved, in addition to low pressure losses.

Performance

- Flow rates: from 20 to 220 l/min.
- Accuracy: ± 1% over the flow rate range (40÷200 l/min).
- Repeatability: 0,2%.
- Max. working pressure: 10 bar.
- Bursting pressure: 30 bar.
- Indicator:
 - Partial with 4 digits (max 9999 litres), total with 7 digits
- Resolution: 0.1 litres
- Can be calibrated.

Specifications

Aluminium measuring chamber. Oval-gear measuring system. Gears made of acetalic resin. Aligned 1" G inlet/outlet ports. Lid can be rotated to achieve four different flow directions. Mechanical indicator with rotating wheels with resettable partial and non-resettable total. Available in litres and gallons. Flanged coupling from both sides.

Flow rate 20 ÷ 220 l/min

Repeatability 0,2 %

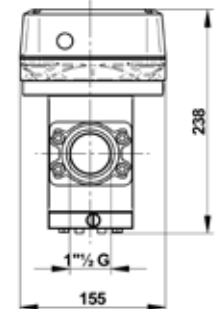
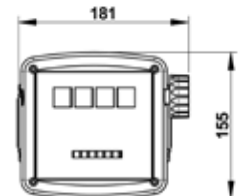
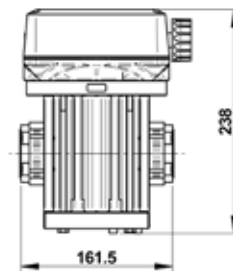
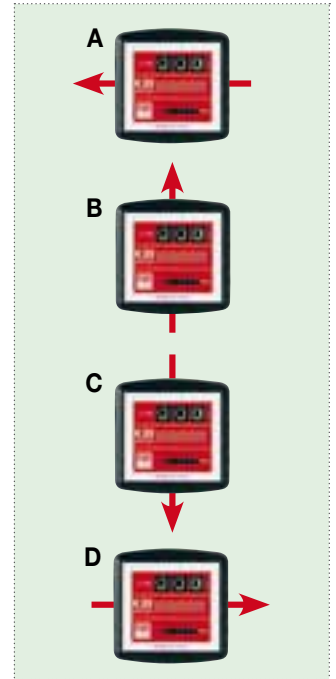
Max. operating pressure 10 bar

Bursting pressure 30 bar

Accuracy +/- 1%



Oval gear system



K700

M

Code	Description		Flow rate		Pression		I/O	Pulser p/l (p/gal)	Inlet filter	Weight Kg	Packaging mm
			l/min	gal/min	bar	psi					
F00540000	K700M Ver. A	←	20÷220	5÷53	10	142	1"1/2 G	-	•	5,8	240x240x275
F00540040	K700M Ver. D	→	20÷220	5÷53	10	142	1"1/2 G	-	•	5,8	240x240x275
F00540050	K700M GAL Ver. A	←	20÷220	5÷53	10	142	1"1/2 NPT	-	•	5,8	240x240x275
F00540080	K700M GAL Ver. D	→	20÷220	5÷53	10	142	1"1/2 NPT	-	•	5,8	240x240x275