



ANKERSMID Ultrasonic Flow Sensor & Controller Unit with integrated pump

AFM 5/6xx CUBE Series



Application

The digital flow sensor/controller unit type AFM CUBE with incorporated adjustable pump.

Flow rate free adjustable and automatic controlled to compensate changing flow conditions.

With alarm in case flow or set-point is not achievable.

Description

The Ankersmid CUBE Units are equipped with an Ultrasonic flow sensor, a digital controller and a gas pump. The gas pump is flow-adjustable.

The gas flow is measured and monitored by an integrated Ultrasonic flow sensor. High/low flow alarm levels can be set customized.

In combination with the integrated ultrasonic flow sensor the CUBE system is able to compensate a flow loss which may occur due to clogging filters or variable process flow conditions.

- **Compact ABS box**
- **Digital controller and display**
- **Ultrasonic flow sensor**
- **Flow-controlled gas pump**
- **Compact design suited for most stationary applications**
- **Easy handling**
- **Optimum reliability**



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Technical data

ACM Control Module	AFM 500	AFM 600
Gas flow rate max.	0-8NI/min	0-6NI/min
Gas connections	Tube 6x1	
Ambient temperature	+5°C up to +45°C	
Maximum pressure	3 bar abs.	
Materials	PTFE, PVDF, EPDM	
Number of gas inlets	1	
Number of gas outlets	1 (standard), max. 2	
Alarm contact	free programmable output alarm relays	
Storage temperature	-25°C up to +65°C	
Power supply	110-265VAC	
Electrical connection	Cold appliance plug with 1,5m of cable	
Housing	ABS Box	
Electrical equipment standard	EN61010	
Weight approx.	Approx. 5kg	