



SEM FLOW CONTROL 2000



The Flow Control 2000 is a measurement unit developed by SEM to measure flow in a pipe, according to regulations. The Flow Control consists of an electronics unit and corresponding sensor.

Sensor

The SEM Flow Control 2000 measures the flow (volume per unit of time) through a pipe. This flow is expressed in m^3/h on a display. The sensor is attached to the pipe using a standard saddle clamp (1 1/4") and an adapter. It is possible to measure pipe diameters from 50 mm to 250 mm.

Inputs

The Flow Control 2000 has a frequency input (0–100Hz) for puls sensors and an analog input (4–20mA) to connect other types of sensors.

Switching point

The Flow Control 2000 has an adjustable switching point with 2 contact outlets to secure your installation, as legally required. The setting of the switching point is done with a push button.

Technical specifications

Flow Control 2000

Article 2502000	
Supply voltage	230V 50Hz
Power consumption	7,5VA
Housing	IP65
Dimensions	Electronic unit L x B x H 185 x 135 x 165 mm
Pipe diameters	50,63,75,90,110,125,140,160,200,225,250 mm
Sensor connection	24Vdc/100mA elektronically protected
Input signal	0-100 Hz (frequency input 0-5m/s) 4-20 mA (analog input 0-2m/s)
Range	0,3-5 m/s (frequency input) 0,3-2 m/s (analog input)
Accuracy	2,5 % (frequency input) 5 % (analog input)
Resolution	0,1 m ³ /uur (pipe diameter 50 – 90 mm) 1 m ³ /uur (pipe diameter > 90 mm)
Display	4 digits
Relay output	Dual pole switch (fuse 2,0 A/T)
Wall mounting	By means of 3 screws
Ambient temperature	< 40°C



Flow sensor 8020



Saddle clamp