

Flow control unit with Thermal Mass Flow Meter with LCD display (for the VAR J1)



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Complete flow unit mounted on a holder with 12mm bar and double socket to fix it on a lab support with 12mm bar. The flow control unit consists of:

Pressure limiter

Inlet pressurized oil free air 5-18barg
Outlet 1.5barg

Pressure limiter

Needle Valve range 0..10L/min with
potentiometer type manual drive.

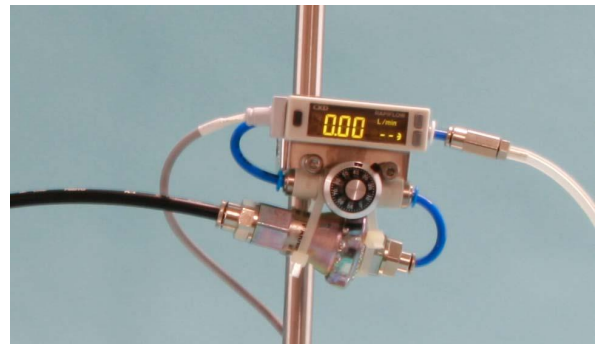
Thermal mass flow meter:

Type: FSM2-PAF050-H041K
Measuring range: 1-5 NI/min
Repeatability: +-1% of FS or less
Display resolution: 0.01 l/min
Medium: Air
Temperature: 0..50°C
Primary pressure: 3.0 bar a
Post pressure: 1.5 bar a
Connection: G1/4%female thread
Power supply: 24VDC

Power Supply unit:

Type: FPPS
5-7.5WP//FPPS 24-12WP
Input: 110-240V/AC. 50/60Hz,
Output: 24VDC, max. 500mA,
max. 12W
Cable length 1.8 meter
4 Plugs UK, EU, US, AU

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Inlet Air hose

inner diameter 4mm outer diameter 6mm
(outside calibrated)
On the picture a black PE hose has been
used.

Outgoing hose

inner diameter 2mm.
On the picture a silicone hose has been
used.