

PFS Controller

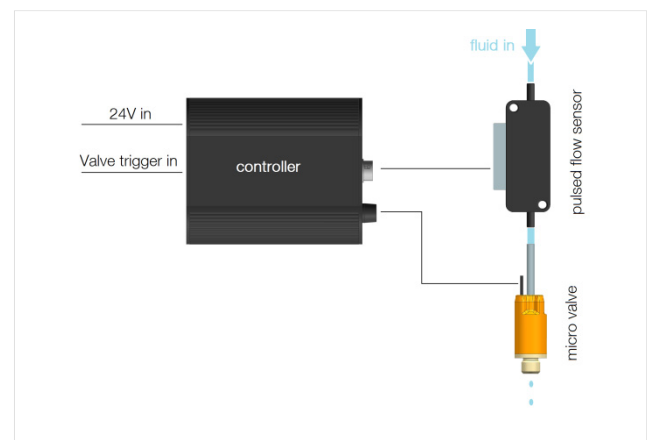
Micro valve driver and sensor controller for Pulsed Flow Sensor

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Version: 1.2 product preview

Sensor electronics and valve controller for Pulsed Flow Sensor and micro valve assembly.

- Continuous or pulsed flow-measurement
- Valve driver for B-Drop mini or compatible Valves
- Flow sensor readout (continuous or pulsed mode)
- USB control interface
- Configurable analog output (continuous mode)



Technical Data

Ordering Nr.	PFS Controller 1.0
Power supply	24V, max. current 1 A
Control interface	USB 2.0 (Virtual Com Port)
Analog output	0 .. 10 VDC (12 bit)
Valve driver	Peak & Hold, bipolar, configurable I _{peak} max 2A (< 10ms), I _{hold} max 500 mA Connector Type: Lumberg RKM 3/0,5 M (3 pin)
Sensor input	Readout of PFS 1.0 Sensors Connector Type: HiRose HR10A-10R-10S(10 pin)
Housing dimensions	L x W x H: 108.3 x 86.5 x 36