



Micro-QD-VP

Digital Miniature Pneumatic Driver

- **Digital valve driver for the MicroDaq range of products**
- **Identical interface to MicroDaq**
- **Provides actuation of scanner C1 and C2 valves for re-zero and calibration.**
- **Multiple interfaces : Ethernet (100Mbit TCP / UDP) and CAN.**
- **Embedded web server for configuration and calibration.**



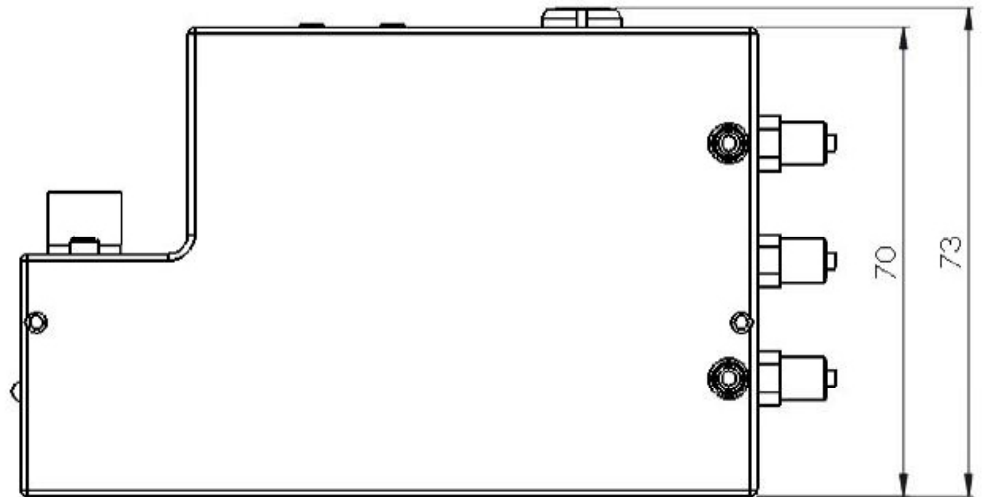
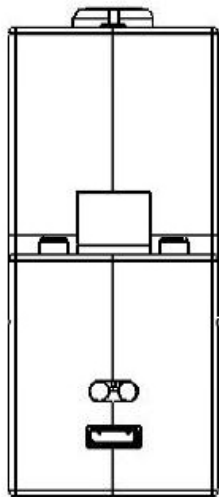
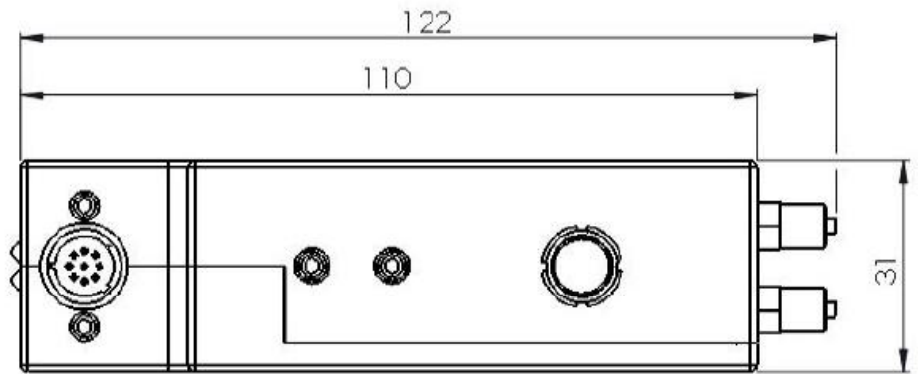
The micro-QD-VP valve module is a compact accessory to the MicroDaq range of acquisition devices.

The module contains two solenoid valves designed to control the shuttle of Pressure System™ ESP pressure scanners. There is also an electrical drive to allow a solenoid valve to control purge gas.

The valves are controlled via one of three possible communications channels – Ethernet (TCP or UDP) or CAN, using user commands to perform either a zero, purge or shuttle function.

These user commands are detailed in the MicroDaq User Programming Guide (doc. 900167) and are included in the MicroDaqX frontend software for convenience.

Micro-QD-VP Specifications	
Dimensions (width x depth x height in mm)	122 x 31 x 73
Weight	~230g
Pneumatic fittings	SMC 4mm fittings rated to 150 psig
Input supply	8-25 VDC at 5VA
Mating electrical connector (digital interface)	ASDD606-09SN-HE
Air supply	Clean, dry air @ 90-125 psig
Purge valve drive	12 VDC @ 83mA (1W) max.
Operating temperature range.	+5 to+80°C
Maximum relative humidity	95% at 50°C (non-condensing)
Ethernet specification	Auto-negotiating 100Mbit TCP/IP or UDP (user configurable)
CAN specification	2.0 B



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