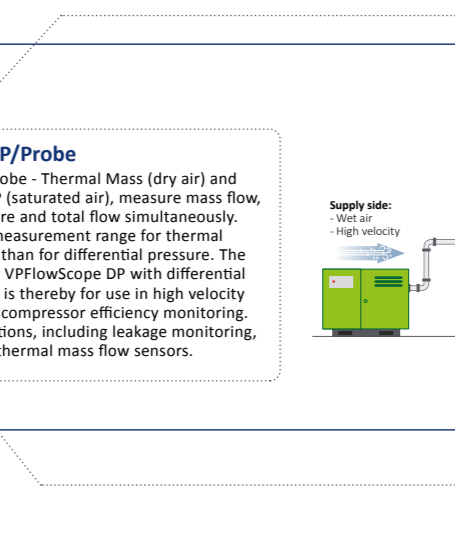
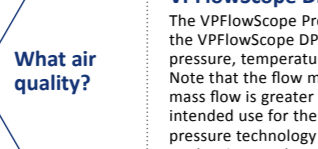
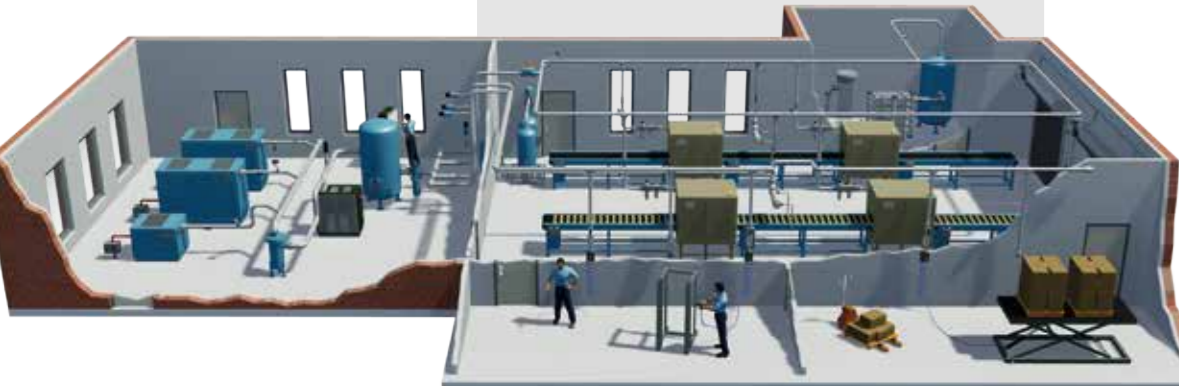


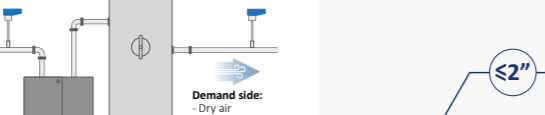
Company Profile

VPInstruments offers industrial customers easy insight into energy flows. We believe that industrial energy monitoring should be easy and effortless to enable insight, savings and optimisation. We offer the most complete measurement solution for compressed air flow, gas flow and electric energy consumption. Our equipment can be used for both air audits as for permanent monitoring. Our monitoring software VPVision can be used for all utilities and enables you to see where, when and how much you can save. Let us help you to open your eyes and start saving energy.

Let's start by selecting a flow meter!



VPFlowScope DP/Probe
The VPFlowScope Probe - Thermal Mass (dry air) and the VPFlowScope DP (saturated air), measure mass flow, pressure, temperature and total flow simultaneously. Note that the flow measurement range for thermal mass flow is greater than for differential pressure. The intended use for the VPFlowScope DP with differential pressure technology is thereby for use in high velocity applications such as compressor efficiency monitoring. For all other applications, including leakage monitoring, it is best to use our thermal mass flow sensors.



VPFlowScope M: No more recalibration!
The VPFlowScope M is a four-in-one insertion flow meter for compressed air and technical gases. This thermal mass flow sensor can be installed under pressure and measures flow, pressure and temperature simultaneously. With the introduction of the VPFlowScope M, recalibration becomes history.

Thanks to the versatile outputs, the VPFlowScope M Transmitter can be connected using traditional 4...20 mA, RS485 Modbus RTU and Ethernet (Modbus/TCP)

CONDITIONS

MODEL

TYPE & RANGE

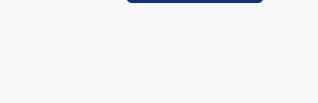
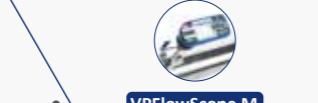
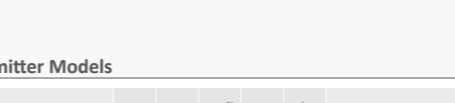
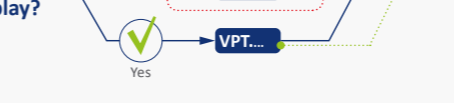
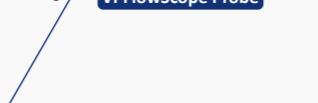
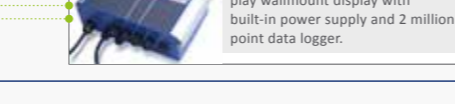
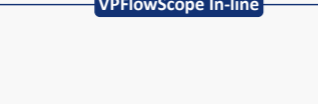
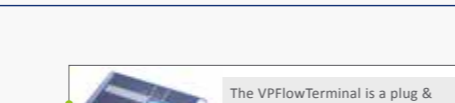
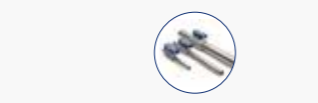
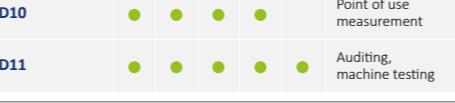
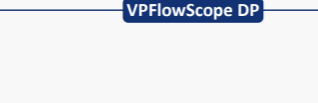
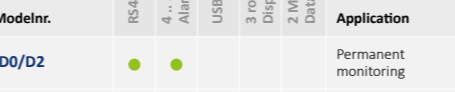
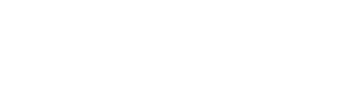
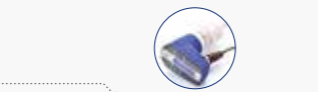
DISPLAY/TRANSMITTER

IN-LINE TUBING

SPECIAL OPTIONS

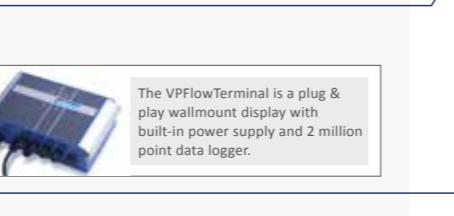
COMMUNICATION PROTOCOL

POWER SUPPLY



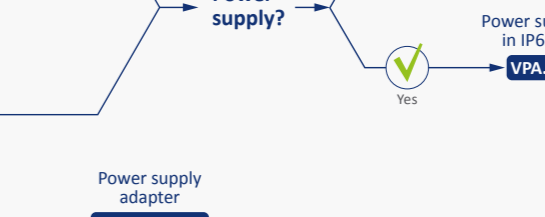
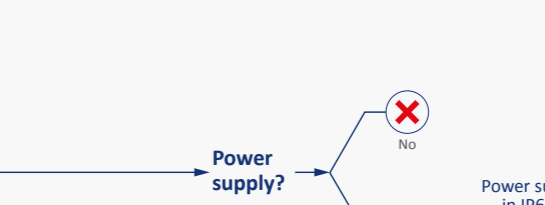
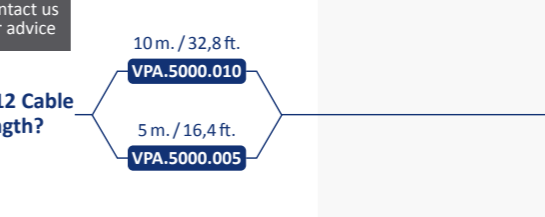
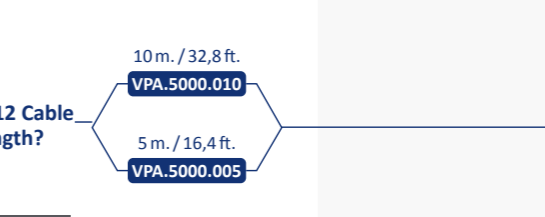
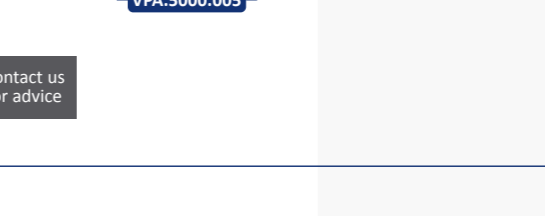
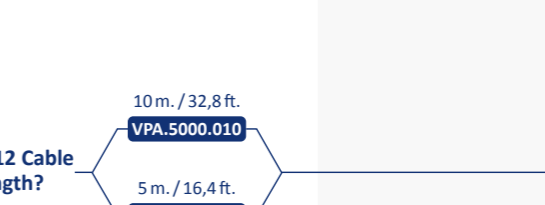
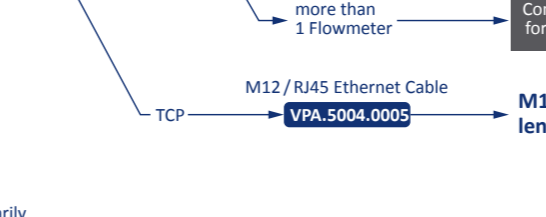
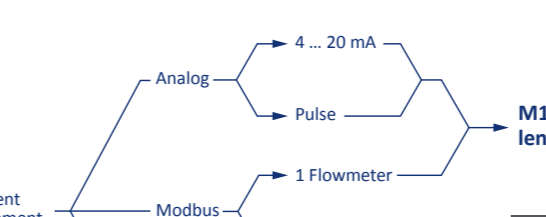
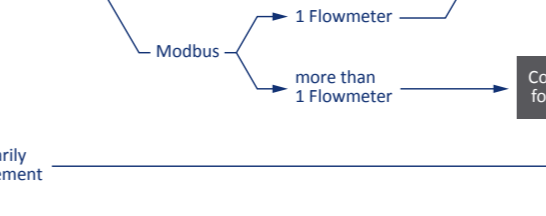
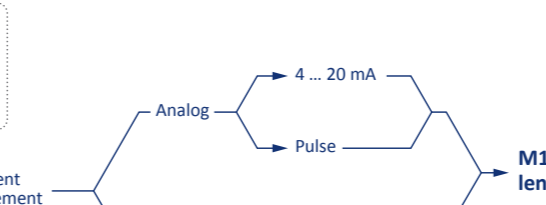
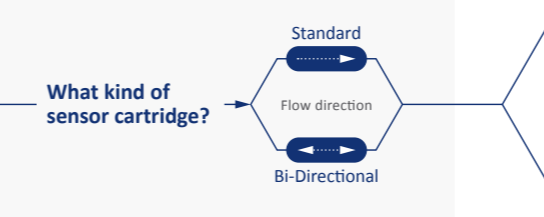
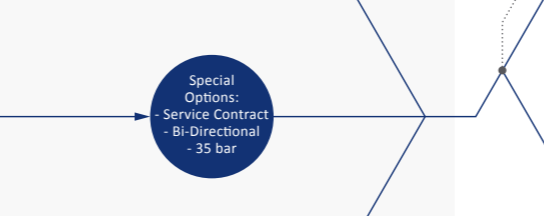
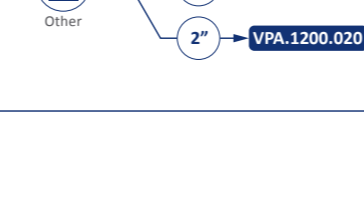
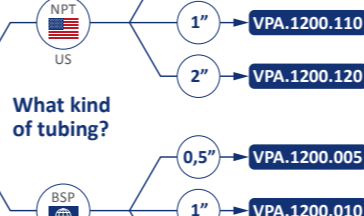
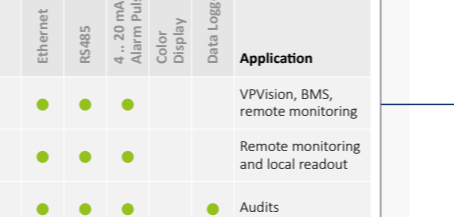
Readout Options

Modelnr.	RS485	4...20 mA Alarm Pulse	USB	3 row Display	2 MPoint Data Logger	Application
...D0/D2	●	●				Permanent monitoring
...D10	●	●	●	●		Point of use measurement
...D11	●	●	●	●	●	Auditing, machine testing

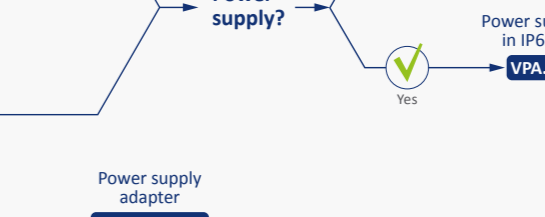
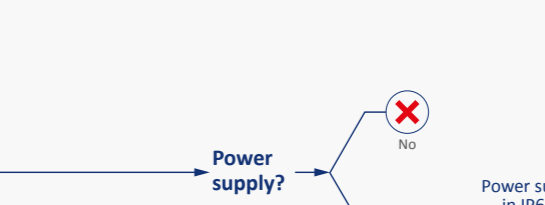
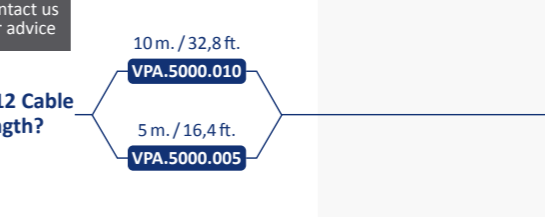
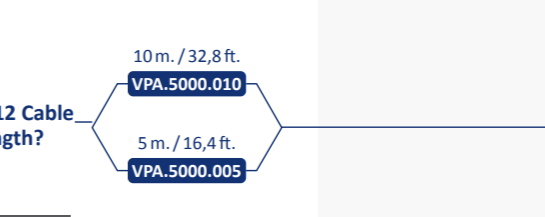
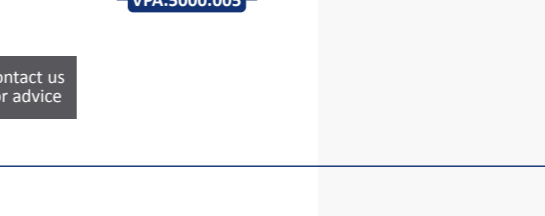
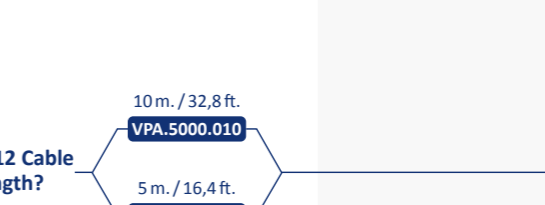
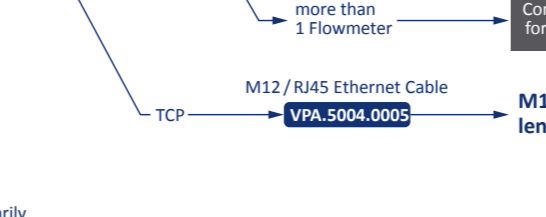
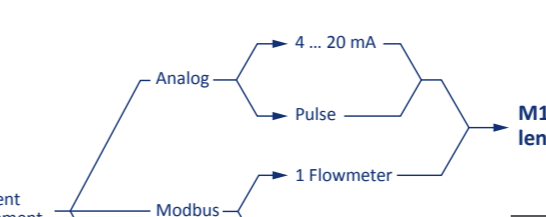
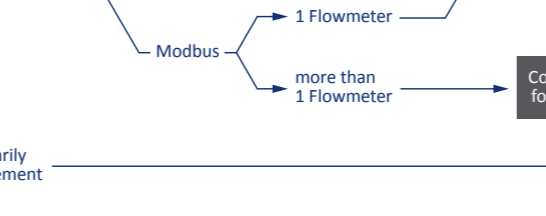


Transmitter Models

Modelnr.	Ethernet	RS485	4...20 mA Alarm Pulse	Color Display	Data Logger	Application
VPM.T001.D000	●	●	●			VPVision, BMS, remote monitoring
VPM.T001.D010	●	●	●	●		Remote monitoring and local readout
VPM.T001.D011	●	●	●	●	●	Audits



For a first time VPFlowScope selection, please include the VPFlowScope JB5 interface kit (VPA.5001.205) for programming your flow meter.



VPVision
Do you know the efficiency of your plant? Get real-time insight in all energy flows with VPVision energy management software. VPVision makes energy management easy, understandable and rewarding. You can use VPVision to monitor compressed air and all other utilities in your plant.

- Energy Monitoring Projects**
- Our equipment is perfect to be utilized for large scale projects including monitoring software. You will get most out of your VPFlowScopes by connecting via a Modbus RS485 or Modbus TCP Network. This enables you to measure all three parameters at the same time. Each project is different, so please contact us for your project quotation. For a proper quotation, we require details on your system and your requirements, like:
- System P&ID
 - Factory set-up with equipment locations and distances
 - Type of communication
 - Required type of instrumentation with location
 - Requirements for monitoring software
 - Goals of the project

Version 2.0
JANUARY - 2021
Check regularly for the latest version