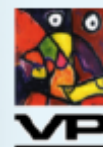


VPVision connection examples



Your permanent eye on compressed air consumption

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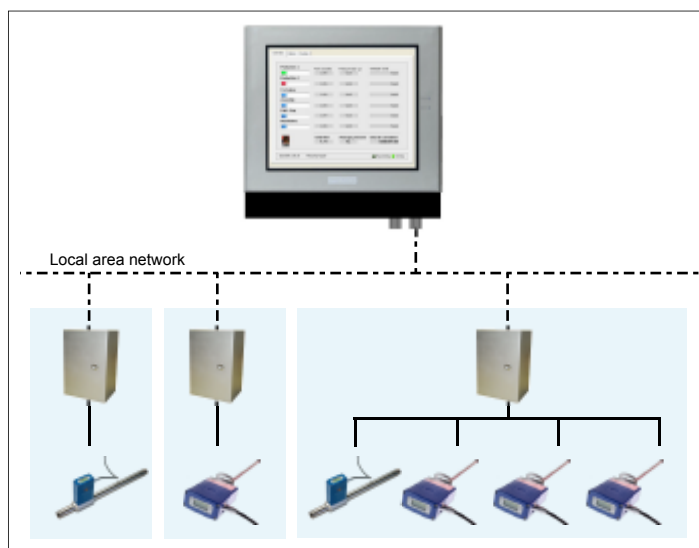
There are different ways to implement your VPVision system. The recommended connection depends on the local situation. Below we provide two examples of possible connections.

VPVision with VPFlowMate

You can connect VPFlowMate probes and VPFlowMate in-lines together to one VPVision screen. The VPFlowMate communicates via RS232 with the VPVision software. The maximum distance for RS232 communication is 25m. For longer distances, you can use the local Ethernet network of the factory.

Example with Ethernet network:

VPVision with 6 VPFlowMates; 4 are located in the one compressor room. The other 2 are divided over different divisions. In this example the power supply for the flow meters is included in the Ethernet boxes.



Product	Partnumber	Amount
VPVision	VPV.HMI2.000	1
VPFlowMate probe	VPP.RXXX.PXXX.DX	4
VPFlowMate in-line	VPP.RXXX.MXXX.D1	2
RS232-Ethernet 1 port incl. power supply	VPV.I232.0001	2
RS232-Ethernet 4 port incl. power supply	VPV.I232.0004	1
VPFlowMate cable 10m	VPA.1000.010	6

VPVision with VPFlowScope

The VPFlowScope communicates via RS485 with VPVision. RS485 communication has a maximum distance of 1200m; therefore you can also connect the VPFlowScopes directly to VPVision. It is important to have a good quality cable, so it is recommended that you purchase this via VPInstruments.

Example:

VPVision with 7 VPFlowScopes; 1 with display, 6 with connector cap. The cable is routed through junction boxes. All flow meters can be powered by the main power supply included in the VPVision terminal.

Product	Partnumber	Amount
VPVision	VPV.HMI2.000	1
VPFlowScope with display	VPS.RXXX.PXXX.D1	1
VPFlowScope sensor module	VPS.RXXX.PXXX.D0	6
Connector cap	VPA.5001.900	6
RS485 modbus junction box	VPV.I485.0002	7
Twisted pair cable (per 100m)	VPV.I485.0009	-

