

## PV1000 - Bill of Materials

Manufacturer	Product	Cost	Link
STMicroelectronics, Geneva, Switzerland	STM32 Nucleo-144 development board with STM32F767ZI MCU	35,00 €	<a href="https://www.st.com/en/evaluation-tools/nucleo-f767zi.html">https://www.st.com/en/evaluation-tools/nucleo-f767zi.html</a>
INTERNATIONAL RECTIFIER	IRF 9540N Transistor	0,85 €	<a href="https://www.reichelt.de/de/en/transistor-to-220ab-power-mosfet-irf-9540n-p41638.html?trstct=pos_0&amp;nbcs=1&amp;r=1">https://www.reichelt.de/de/en/transistor-to-220ab-power-mosfet-irf-9540n-p41638.html?trstct=pos_0&amp;nbcs=1&amp;r=1</a>
LITEON	LTV 816S, Single optocoupler	0,23 €	<a href="https://www.reichelt.de/sg/en/single-optocoupler-5kv-80v-50ma-50-600-smd-4-ltv-816s-p146660.html?&amp;trstct=pos_0&amp;nbcs=1">https://www.reichelt.de/sg/en/single-optocoupler-5kv-80v-50ma-50-600-smd-4-ltv-816s-p146660.html?&amp;trstct=pos_0&amp;nbcs=1</a>
Christian Bürkert GmbH & Co. KG, Ingelfingen, Germany	Type 2873 - Direct-acting 2-way standard solenoid control valve	146,00 €	<a href="https://www.buerkert.de/de/type/2873">https://www.buerkert.de/de/type/2873</a>
Kuhse Industrial Components GmbH	Small lifting solenoid GY 040-0.00	on request	<a href="https://kuhse-ic.de/en/main-menu/services/dc-electromagnets-solenoid/small-lifting-solenoids">https://kuhse-ic.de/en/main-menu/services/dc-electromagnets-solenoid/small-lifting-solenoids</a>
Sensirion, Stäfa, Switzerland	SFM3300	\$ 45,54	<a href="https://www.sensirion.com/products/catalog/SFM3300-D/">https://www.sensirion.com/products/catalog/SFM3300-D/</a>
Sensirion, Stäfa, Switzerland	SFM3019	\$ 138,49	<a href="https://sensirion.com/products/catalog/SFM3019/">https://sensirion.com/products/catalog/SFM3019/</a>
AMSYS GmbH & Co. KG, Mainz, Germany	AMS 6915-0100-D-B-H	on request	<a href="https://www.amsys-sensor.com/products/pressure-sensor/ams6915-miniaturized-pressure-sensor-i2c-interface/">https://www.amsys-sensor.com/products/pressure-sensor/ams6915-miniaturized-pressure-sensor-i2c-interface/</a>
PyroScience GmbH, Aachen, Germany	FDO2	on request	<a href="https://www.pyroscience.com/en/products/all-meters/fdo2">https://www.pyroscience.com/en/products/all-meters/fdo2</a>
NRC International GmbH, Germany	NRC D-05	59,90 €	<a href="https://nrc-international.com/products/sensor-typ-d-05">https://nrc-international.com/products/sensor-typ-d-05</a>
CAN transeiver	SN 65HVD230D	1,15 €	<a href="https://www.reichelt.de/sg/en/high-speed-can-transceiver-1-mbit-s-3-3-v-so-8-sn-65hvd230d-p58427.html?CCOUNTRY=628&amp;LANGUAGE=de&amp;GROUPID=8704&amp;START=0&amp;OFFSET=16&amp;SID=95d67738484d4ed44ac940da999c28b3fe5266d0b55678b6fb9a1&amp;LANGUAGE=EN&amp;r=1">https://www.reichelt.de/sg/en/high-speed-can-transceiver-1-mbit-s-3-3-v-so-8-sn-65hvd230d-p58427.html?CCOUNTRY=628&amp;LANGUAGE=de&amp;GROUPID=8704&amp;START=0&amp;OFFSET=16&amp;SID=95d67738484d4ed44ac940da999c28b3fe5266d0b55678b6fb9a1&amp;LANGUAGE=EN&amp;r=1</a>
AMSYS GmbH & Co. KG, Mainz, Germany	AMS 3011 10000 - D 2110	on request	<a href="https://www.amsys-sensor.com/products/pressure-sensor/ams3011-pressure-transducer-5v-in-metal-housing/">https://www.amsys-sensor.com/products/pressure-sensor/ams3011-pressure-transducer-5v-in-metal-housing/</a>