

Price List from 1st November 2023

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Article	VD800 Compact Vacuum Meters	€
	Data logger, USB interface	
VD800	For read-out of Thyracont-USB transducers, USB interface	352
VD810	Piezo, 2000-1 mbar / -1060 ... +1200 mbar, DN16KF with G1/4 female thread, USB int.	494
VD850	Piezo / Pirani, 1200-5e-5 mbar / rel. -1060 ... +340 mbar, DN16KF, USB interface	747
	Data logger, USB interface, Bluetooth-LE®	
VD810BT	Piezo, 2000-1 mbar / -1060 ... +1200 mbar, DN16KF with G1/4 female thread, USB int.	544
VD850BT	Piezo / Pirani, 1200-5e-5 mbar / rel. -1060 ... +340 mbar, DN16KF, USB interface	797
	Accessories VD800	
VD81SW1	Hose nozzle for VD810, nickel coated brass, G1/4 male	9,0
VD8ANS	Set: Tee DN16KF, 2 O rings, 2 clamps	84,5
VD800CASE	Protective case for VD800 compact vacuum meters	39,0
VD800N5	Power supply, 100 - 240 VAC, AC plug exch. EURO, US, UK, AUS	11,1
WUSB_AC001	Interface cable, 1 m, USB-A/C, for VD800 series	6,4
WUSB_CC002	Interface cable, 2 m, USB-C/C, for VD800 series	8,9
VGR	VacuGraph Windows and Android software, for THYRACONT measuring instruments with serial interface	212
VGRX3	As above, 3 licences	424

Article	VD8 Compact Vacuum Meters	€
	Data Logger, USB Interface	
VD81	Piezo, 1600-1 mbar, DN16KF with G1/4 female thread, USB-interface	435
VD83	Pirani, 100-5e-4 mbar, metal sealed, DN16KF USB-interface	544
VD84/1	Pirani external, 100-1e-3 mbar, DN16KF, USB-interface	555
VD84/2	Pirani external, 100-1e-3 mbar, 1/8" NPT-thread USB-interface	555
VD85	Piezo / Pirani, 1200-5e-4 mbar, USB-interface	699
	Accessories VD8	
VD81SW1	Hose nozzle for VD81, nickel coated brass, G1/4 male	9,0
VD8ALK	Alkaline block battery 9V	3,4
VD8ANS	Set: Tee DN16KF, 2 O rings, 2 clamps	84,5
VD8CASE	Protective case for VD8 compact vacuum meters	28,1
VD8N4	Power supply 100 - 240 VAC, AC plug exch. EURO/US/UK/AUS	28,4
VD8ZUB	Accessory set: VD8ALK, VD8N4, VD8CASE, VGR, WUSB0002	266
WUSB0002	USB interface cable, 2m, for PC and VD8 / VD6 / VD12 / VD14 series	7,1
VGR	VacuGraph Windows and Android software, for THYRACONT measuring instruments with serial interface	212
VGRX3	As above, 3 licences	424

Article	Smartline Analog and Digital Vacuum Transducers	€
	Vacuum Transducers with RS485, 0-10V Output, 2 Switching Points, Electrical Connection SubD, 15pole	
VSP63D	Pirani, 1000-1e-4 mbar, metal sealed, DN16KF	380
VSP64D	Pirani, 1000-1e-4 mbar, metal sealed, DN16CF	403
VCP63D	Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16KF	454
VCP64D	Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16CF	476
VCR53D	Piezo / Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16KF	683
VCR54D	Piezo / Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16CF	706
VSR53D	Piezo / Pirani, 1200-1e-4 mbar, metal sealed, DN16KF	607
VSR54D	Piezo / Pirani, 1200-1e-4 mbar, metal sealed, DN16CF	629
VSL53D	Piezo / Pirani, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16KF	652
VSL54D	Piezo / Pirani, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16CF	676
VCL53D	Piezo / Pirani Pt/Rh filament, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16KF	701

VCL54D	Piezo / Pirani Pt/Rh filament, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16CF	723
VSM77D	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN25KF	1.140
VSM78D	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN40KF	1.154
VSM79D	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN40CF	1.192
VSH87D	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN25KF	1.214
VSH88D	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN40KF	1.214
VSH89D	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN40CF	1.249
Vacuum Transducers with Display, RS485, 0-10V Output, 2 Switching Points, Electrical Connection SubD, 15pole		
VSP63DL	Pirani, 1000-1e-4 mbar, metal sealed, DN16KF, display	477
VSP64DL	Pirani, 1000-1e-4 mbar, metal sealed, DN16CF, display	499
VCP63DL	Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16KF, display	551
VCP64DL	Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16CF, display	574
VCR53DL	Piezo / Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16KF, display	780
VCR54DL	Piezo / Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16CF, display	804
VSR53DL	Piezo / Pirani, 1200-1e-4 mbar, metal sealed, DN16KF, display	701
VSR54DL	Piezo / Pirani, 1200-1e-4 mbar, metal sealed, DN16CF, display	723
VSL53DL	Piezo / Pirani, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16KF, Display	750
VSL54DL	Piezo / Pirani, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16CF, Display	772
VCL53DL	Piezo / Pirani Pt/Rh filament, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16KF, Display	796
VCL54DL	Piezo / Pirani Pt/Rh filament, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16CF, Display	818
VSM77DL	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN25KF, display	1.237
VSM78DL	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN40KF, display	1.252
VSM79DL	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN40CF, display	1.290
VSH87DL	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN25KF, display	1.311
VSH88DL	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN40KF, display	1.311
VSH89DL	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN40CF, display	1.346
Adapter Sets (for compatibility to competitors' sensors)		
P_VSP003	VSP adapter SubD 15 pins on RJ45/FCC68, incl. output signal configuration 0-10 V	10,9
P_VSR003	VSR adapter SubD 15 pins on RJ45/FCC68, incl. output signal configuration 0-10 V	10,9
P_VSM003	VSM adapter SubD 15 pins on RJ45/FCC68, incl. output signal configuration 0-10 V	10,9
P_VSI003	VSI adapter SubD 15 pins on RJ45/FCC68, incl. output signal configuration 0-10 V	10,9
P_VSH003	VSH adapter SubD 15pin female to SubD 15pin male, incl. output signal configuration 0-10V	19,7
Vacuum Transducers with EtherCAT, RS485, Electrical Connection 3x M12 Circular Connector		
VSP63E	Pirani, 1000-1e-4 mbar, metal sealed, DN16KF, EtherCAT	680
VSP64E	Pirani, 1000-1e-4 mbar, metal sealed, DN16CF, EtherCAT	703
VCP63E	Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16KF, EtherCAT	771
VCP64E	Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16CF, EtherCAT	793
VCR53E	Piezo / Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16KF, EtherCAT	1.008
VCR54E	Piezo / Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16CF, EtherCAT	1.030
VSR53E	Piezo / Pirani, 1200-1e-4 mbar, metal sealed, DN16KF, EtherCAT	927
VSR54E	Piezo / Pirani, 1200-1e-4 mbar, metal sealed, DN16CF, EtherCAT	949
VSL53E	Piezo / Pirani, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16KF, EtherCAT	983
VSL54E	Piezo / Pirani, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16CF, EtherCAT	1.006
VCL53E	Piezo / Pirani Pt/Rh filament, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16KF, EtherCAT	1.022
VCL54E	Piezo / Pirani Pt/Rh filament, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16CF, EtherCAT	1.044
VSM77E	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN25KF, EtherCAT	1.475

VSM78E	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN40KF, EtherCAT	1.490
VSM79E	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN40CF, EtherCAT	1.528
VSH87E	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN25KF, EtherCAT	1.550
VSH88E	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN40KF, EtherCAT	1.550
VSH89E	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN40CF, EtherCAT	1.585
	Vacuum Transducers with Profinet, RS485, Electrical Connection 3x M12 Circular Connector	
VSP63PN	Pirani, 1000-1e-4 mbar, metal sealed, DN16KF, Profinet	683
VSP64PN	Pirani, 1000-1e-4 mbar, metal sealed, DN16CF, Profinet	704
VCP63PN	Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16KF, Profinet	727
VCP64PN	Pirani Pt/Rh filament, 1000-5e-4 mbar, metal sealed, DN16CF, Profinet	749
VCR53PN	Piezo / Pirani Pt/Rh filament, 1200-5e-4 mbar, metal sealed, DN16KF, Profinet	989
VCR54PN	Piezo / Pirani Pt/Rh filament, 1200-5e-4 mbar, metal sealed, DN16CF, Profinet	1.011
VSR53PN	Piezo / Pirani, 1200-1e-4 mbar, metal sealed, DN16KF, Profinet	912
VSR54PN	Piezo / Pirani, 1200-1e-4 mbar, metal sealed, DN16CF, Profinet	933
VSL53PN	Piezo / Pirani, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16KF, Profinet	978
VSL54PN	Piezo / Pirani, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16CF, Profinet	1.000
VCL53PN	Piezo / Pirani Pt/Rh filament, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16KF, Profinet	1.014
VCL54PN	Piezo / Pirani Pt/Rh filament, absolute pressure 1200 - 1.0e-4 mbar and relative pressure -1260 ... +940 mbar, metal sealed, DN16CF, Profinet	1.036
VSM77PN	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN25KF, Profinet	1.451
VSM78PN	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN40KF, Profinet	1.455
VSM79PN	Cold cathode / Pirani, 1000-5e-9 mbar, metal sealed, DN40CF, Profinet	1.491
VSH87PN	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN25KF, Profinet	1.523
VSH88PN	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN40KF, Profinet	1.523
VSH89PN	Hot cathode / Pirani, 1000-5e-10 mbar, metal sealed, DN40CF, Profinet	1.557
	Controllers	
VD12S2	2 channels, 2000-5e-10 mbar, for Smartline transducers and Analogline transducers with 0-10 V output, USB interface and RS232 interface	1.046
VD14S4	4 channels, 1200-5e-10 mbar, for Smartline transducers with 0-10 V output, USB interface and RS232 interface	1.308
	Complete Gauge Sets	
P_VD1253	VD12, 2 channels, VSR53D Piezo/Pirani, 2m cable, 1200-1e-4 mbar	1.629
P_VD1263	VD12, 2 channels, VSP63D Pirani, 2m cable, 1000-1e-4 mbar	1.419
P_VD1277	VD12, 2 channels, VSM77D cold cathode/Pirani, 2m cable, 1000-5e-9 mbar	2.130
P_VD1288	VD12, 2 channels, VSH88D hot cathode/Pirani, 2m cable, 1000-5e-10 mbar	2.201
	Accessories for Smartline	
W1515002	Measuring cable, 2m, 2 x SubD 15 pin for Smartline transducers with VD12/VD14	74,2
W1515006	Measuring cable, 6m, 2 x SubD 15 pin for Smartline transducers with VD12/VD14	86,3
W1515010	Measuring cable, 10m, 2 x SubD 15 pin for Smartline transducers with VD12/VD14	114
W1515020	Measuring cable, 20m, 2 x SubD 15 pin for Smartline transducers with VD12/VD14	170
W1500002	Measuring cable, 2m, SubD 15 pin for Smartline transducers with open ends	50,2
W1500006	Measuring cable, 6m, SubD 15 pin for Smartline transducers with open ends	73,2
W1500010	Measuring cable, 10m, SubD 15 pin for Smartline transducers with open ends	104
W1500502	Measuring cable IP54, 2m, for Smartline transducers with open ends	75,3
W1500506	Measuring cable IP54, 6m, for Smartline transducers with open ends	98,3
W1500510	Measuring cable IP54, 10m, for Smartline transducers with open ends	129
XB1500002	SubD 15 pole, counter plug for Smartline transducers	3,3
XB15SL05	IP54 connector, for Smartline transducers	25,1
XS0400002	M12 connector, 4 pole D-coded, for the EtherCAT or Profinet interface of all Smartline transducers	20,4
XS0500002	M12 connector, 5 pole A-coded, for the RS485 interface and power supply of all Smartline transducers with M12 connector	20,0
WE0012001	Cable, power supply M12, 1m	13,1
WE0012003	Cable, power supply M12, 3m	16,4

WE0012005	Cable, power supply M12, 5m	18,6
WE0012010	Cable, power supply M12, 10m	26,2
WE1212001	Industrial Ethernet Cable M12 to M12, 1m	48,0
WE1212003	Industrial Ethernet Cable M12 to M12, 3m	62,2
WE1212005	Industrial Ethernet Cable M12 to M12, 5m	74,2
WE1212010	Industrial Ethernet Cable M12 to M12, 10m	106
WE4512001	Industrial Ethernet Cable M12 to RJ45, 1m	44,8
WE4512003	Industrial Ethernet Cable M12 to RJ45, 3m	59,0
WE4512005	Industrial Ethernet Cable M12 to RJ45, 5m	71,0
WE4512010	Industrial Ethernet Cable M12 to RJ45, 10m	103
SLKBT	Interface converter RS485-Bluetooth for Smartline transducers	167
SLKUSB	Interface converter RS485-USB for Smartline transducers	235
SLN4	Power supply 100-240 VAC, for one Smartline transducer	110
SLCASE	Protective case, for one Smartline transducer with KF flange	40,2
SLZUB	Accessory set: SLCASE, SLN4, SLKUSB, VGR light version	366
SLMSD	Magnetic Shield for VSI / VSM Smartline transducers	88,6
SERV_PAR	Customer-specific setting of gauge parameters ex works	37,1
WUSB0002	USB interface cable, 2m, for PC and VD8 / VD6 / VD12 / VD14 series	7,3
WRSJ0002	RS232-cabel to PC port, 1,80m	27,5
VacuSniff	Bluetooth sniffer Android app for free download in Google PlayStore	0,0
VGR	VacuGraph Windows and Android software, for THYRACONT measuring instruments with serial interface	212
VGRX3	As above, 3 licences	424
Spare Parts for Smartline Transducers		
B_VSP63DA	Sensor head DN16KF for VSP63 (Pirani)	97,9
B_VSP64DA	Sensor head DN16CF for VSP64 (Pirani)	120
B_VCP63D	Sensor head DN16KF for VCP63 (Pirani Pt/Rh filament)	118
B_VCP64D	Sensor head DN16KF for VCP64 (Pirani Pt/Rh filament)	141
B_VCR53	Sensor head DN16KF for VCR53 (Piezo / Pirani Pt/Rh filament)	266
B_VCR54	Sensor head DN16CF for VCR54 (Piezo / Pirani Pt/Rh filament)	289
B_VSR53A	Sensor head DN16KF for VSR53 (Piezo / Pirani)	240
B_VSR54A	Sensor head DN16CF for VSR54 (Piezo / Pirani)	264
B_VSL53	Sensor head DN16KF for VSL53 (Piezo / Pirani)	252
B_VSL54	Sensor head DN16KF for VSL54 (Piezo / Pirani)	274
B_VCL53	Sensor head DN16KF for VCL53 (Piezo / Pirani Pt/Rh filament)	277
B_VCL54	Sensor head DN16CF for VCL54 (Piezo / Pirani Pt/Rh filament)	299
B_VSM77	Sensor head DN25KF for VSI17 (cold cathode) / VSM77 (cold cathode / Pirani)	327
B_VSM78	Sensor head DN40KF for VSI18 (cold cathode) / VSM78 (cold cathode / Pirani)	343
B_VSM79	Sensor head DN40CF for VSI19 (cold cathode) / VSM79 (cold cathode / Pirani)	381
B_VSH87A	Sensor head DN25KF for VSH87 (hot cathode / Pirani)	464
B_VSH88A	Sensor head DN40KF for VSH88 (hot cathode / Pirani)	464
B_VSH89A	Sensor head DN40CF for VSH89 (hot cathode / Pirani)	500

Article	Analogline Analog Vacuum Transducers	€
	Vacuum Transducers, 4-20 mA Analog, Electrical Connection M12 A, 5pole	
VCC200MA4	Capacitance, 200-0.1 mbar, 4-20 mA, linear, DN16KF	579
VSC43MA4	Ceramic, 1400-1 mbar, 4-20 mA, linear, DN16KF	285
VSR53MA4	Piezo / Pirani, 2000-5e-5 mbar, 4-20 mA, logarithmic, metal sealed, DN16KF	459
VSP63MA4	Pirani, 1000-1e-4 mbar, 4-20 mA, logarithmic, metal sealed, DN16KF	338
VCP63MA4	Pirani Pt/Rh filament, 1000-1e-4 mbar, 4-20 mA, logarithmic, metal sealed, DN16KF	408
	Vacuum Transducers, 0-10 V, analog,	
VSC43MV	Ceramic, 1400-1 mbar, 0-10 V, linear, DN16KF	285
VSR53MV	Piezo / Pirani, 2000-5e-5 mbar, 0-10 V, logarithmic, metal sealed, DN16KF	459
VSR54MV	Piezo / Pirani, 2000-5e-5 mbar, 0-10 V, logarithmic, metal sealed, DN16CF	481
VSP63MV	Pirani, 1000-1e-4 mbar, 0-10 V, logarithmic, metal sealed, DN16KF	338
VSP64MV	Pirani, 1000-1e-4 mbar, 0-10 V, logarithmic, metal sealed, DN16CF	362
VCP63MV	Pirani Pt/Rh filament, 1000-1e-4 mbar, 0-10V, logarithmic, metal sealed, DN16KF	408

	Vacuum transducer, 0-10 V, analog, Electronical Connection RJ45/FCC68, 6pole	
SP363MV	Pirani, 1000-1e-4 mbar, 0-10 V, logarithmic, metal sealed, DN16KF	338
SP364MV	Pirani, 1000-1e-4 mbar, 0-10 V, logarithmic, metal sealed, DN16CF	362
	Vacuum Sensors, Passive, Electrical Connection Binder 713, 4pole	
VSP841	Passive Pirani sensor, 1000-1e -3mbar, DN16KF	124
VSP842	Passive Pirani sensor, 1000-1e -3mbar, DN1/8"NPT	127
XB0400005	Mating plug for passive Pirani sensors VSP841/VSP842	7,9
	Controller	
VD6S2115	1 channel, 115V, for Analogline transducers with 4-20 mA output, USB, analog output 0-1 V / 0-10V	708
VD6S2230	1 channel, 230V, for Analogline transducers with 4-20 mA output, USB, analog output 0-1 V / 0-10V	708
VD12S2	2 channels, 95 - 265V, for Smartline transducers and Analogline transducers with 0-10 V output, USB interface and RS232 interface	1.046
	Complete Gauge Sets	
P_VD62230	VD6, 1 channel, VSC43MA4 piezo (ceramic), 4-20 mA, 2m-cable, 1400-1mbar, 230V	986
P_VD64230	VD6, 1 channel, VSP63MA4 Pirani, 4-20 mA, 2m-cable, 1000-1e-4mbar, 230V	1.032
P_VD62115	VD6, 1 channel, VSC43MA4 piezo (ceramic), 4-20 mA, 2m-cable, 1400-1mbar, 115V	986
P_VD64115	VD6, 1 channel, VSP63MA4 Pirani, 4-20 mA, 2m-cable, 1000-1e-4mbar, 115V	1.032
P_VD122	VD12, 2 channels, including 1 VSC43MV piezo (ceramic), 0-10 V, 2m cable, 1400-1mbar	1.305
P_VD124	VD12, 2 channels, including 1 VSP63MV Pirani, 0-10 V, 2m cable, 1000-1e-4mbar	1.353
	Accessories for Analogline	
W0509002	Measuring cable, 2m, for Analogline transducers 4-20 mA with VD6 (for VCC200MA4, VSC43MA4, VSR53MA4, VSP63MA4, VCP63MA4)	41,5
W0509006	Measuring cable, 6m, for Analogline transducers 4-20 mA with VD6 (for VCC200MA4, VSC43MA4, VSR53MA4, VSP63MA4, VCP63MA4)	72,1
W0509010	Measuring cable, 10m, for Analogline transducers 4-20 mA with VD6 (for VCC200MA4, VSC43MA4, VSR53MA4, VSP63MA4, VCP63MA4)	110
W0509020	Measuring cable, 20m, for Analogline transducers 4-20 mA with VD6 (for VCC200MA4, VSC43MA4, VSR53MA4, VSP63MA4, VCP63MA4)	141
W0606002	Measuring cable, 2m, for Analogline transducers 0-10 V with VD12 (for VSC43MV, VSR5XMV, VSP6XMV, VCP63MV)	49,9
W0606006	Measuring cable, 6m, for Analogline transducers 0-10 V with VD12 (for VSC43MV, VSR5XMV, VSP6XMV, VCP63MV)	72,1
W0606010	Measuring cable, 10m, for Analogline transducers 0-10 V with VD12 (for VSC43MV, VSR5XMV, VSP6XMV, VCP63MV)	110
W0606020	Measuring cable, 20m, for Analogline transducers 0-10 V with VD12 (for VSC43MV, VSR5XMV, VSP6XMV, VCP63MV)	141
W0600002	Measuring cable, 2m, for Analogline, Hirschmann, 0-10 V, shielded with open ends (for VSC43MV, VSR5XMV, VSP6XMV, VCP63MV)	36,0
W0600006	Measuring cable, 6m, for Analogline, Hirschmann, 0-10 V, shielded with open ends (for VSC43MV, VSR5XMV, VSP6XMV, VCP63MV)	66,6
W0600010	Measuring cable, 10m, for Analogline, Hirschmann, 0-10 V, shielded with open ends (for VSC43MV, VSR5XMV, VSP6XMV, VCP63MV)	105
W0800302	Measuring cable, 2m, for Analogline RJ45/FCC68, shielded with open ends (for SP363MV)	36,0
W0800306	Measuring cable, 6m, for Analogline RJ45/FCC68, shielded with open ends (for SP363MV)	66,6
W0800310	Measuring cable, 10m, for Analogline RJ45/FCC68, shielded with open ends (for SP363MV)	105
WUSB0002	USB interface cable, 2m, for PC and VD8 / VD6 / VD12 / VD14 series	7,3
WRSJ0002	RS232-cabel to PC port, 1,80m	27,5
VSPKAPPE	Protection cap for VSP841/VSP842	6,6

XB0500004	Mating plug for active transducers VSC43MA4, VSP63MA4, VCC200MA4, VSR53MA4, VCP63MA4	8,4
XB0600002	Mating plug for active transducers VSC43MV, VSP63MV, VCP63MV, VSR53MV	8,1
VD81SW1	Hose nozzle, nickel coated brass, G1/4 male thread	9,3
VD8ANS	Set: Tee DN16KF, 2 O rings, 2 clamps	84,5
VGR	VacuGraph Windows and Android software, for THYRACONT measuring instruments with serial interface	212
VGRX3	As above, 3 licences	424

Article	USB-Vacuum Transducers	€
VSR53USB	Piezo / Pirani, 2000-5e-5 mbar, USB-C, metal sealed, DN16KF	454
VSR54USB	Piezo / Pirani, 2000-5e-5 mbar, USB-C, metal sealed, DN16CF	476
VSC43USB	Ceramic, 2000-1 mbar, USB-C, DN16KF	285
Accessories for USB-Transducers		
WUSBC0002	USB-A male to USB-C male with single screw locking	20,4
VacuSniff	Bluetooth Sniffer-App für Android, Free in Google PlayStore	0,0

Article	Vacuum Switches	€
VRC	Piezo, 1200-5 mbar, DN16KF, electrical connection Phoenix screw terminals	383
VRCI	Piezo, 1200-1 mbar, DN16KF, electrical connection Phoenix screw terminals, inverted switching logic	383
VRP	Pirani, 20-1e-3 mbar, DN16KF, electrical connection Phoenix screw terminals	392
SERVICESP	Customized switchpoint	31,7

Article	PVC Ion Gauge and Vacuum System Controller	€
PVCUNN0	PVC uni, no Module, 230 VDC	1.960
PVCUNN5	PVC uni, no Module, 115 VDC	1.960
PVCUNW0	PVC uni, W-Module for active 0-10 V transducer, 230 VDC	2.097
PVCUNW5	PVC uni, W-Module for active 0-10 V transducer, 115 VDC	2.097
PVCUEN0	PVC uni, E-Module for VSP521 Pirani, 230 VDC	2.037
PVCUEN5	PVC uni, E-Module for VSP521 Pirani, 115 VDC	2.037
PVCUFN0	PVC uni, F-Module for VSP841 Pirani, 230 VDC	2.037
PVCUFN5	PVC uni, F-Module for VSP841 Pirani, 115 VDC	2.037
PVCDNN0	PVC duo, no Module, 230 VDC	2.607
PVCDNN5	PVC duo, no Module, 115 VDC	2.607
PVC Modules		
PVCE	E-Module for VSP521 Pirani	78,6
PVCF	F-Module for VSP841 Pirani	78,6
PVCW	W-Module for active 0-10 V transducer	138
Accessories for PVC		
B_IG19BA	Ion Gauge Sensor	1.494
B_IG19FIL	Spare filament for hot cathode sensor to PVC controllers, bakeable 200°	435
B_TCK28	Temperature Sensor for PVC, 2m	141
VSP521	Pirani Gauge Head, flange DN 16 ISO-KF	120
VSP841	Pirani Gauge Head, flange DN 16 ISO-KF	124
WIG19010	Cable for ion gauge sensor, 10 m	759
WVSP5003	Cable for VSP52x Pirani sensor, 3 m	41,5
WVSP8003	Cable for VSP84x Pirani sensor, 3 m	41,5

Article	Services	€
ADJCERT	Works calibration, 4 ref. points per pressure decade, 1000 - 1e-4 mbar	210
DCERT	Digital works calibration, 4 ref. points per pressure decade, 1000 - 1e-4 mbar	190
ADJCERTHV	Works calibration, 4 ref. per pressure decade, 1000 - 1e-5 mbar	242
DCERTHV	Digital works calibration, 4 ref. per pressure decade, 1000 - 1e-5 mbar	221
DKDCERT	DAkKS calibration, 1000 - 1e-4 mbar	670
DKDCERTHV	DAkKS calibration, 1000 - 1e-6 mbar	851
CERT22	Inspection Certificate 2.2, according to EN10204-2.2	44,8
CERT31P	Inspection Certificate 3.1, according to EN10204-3.1, for vacuum transducers, incl.	89,5

CERT31M	Inspection Certificate 3.1, according to EN10204-3.1, for vacuum transducers	73,2
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Article	Flanges & Fittings ISO KF	€
ZBA016	Elbow 90° DN16KF, aluminium	30,9
ZBS016	Elbow 90° DN16KF, stainless steel	49,4
ZBS025	Elbow 90° DN25KF, stainless steel	42,0
ZBS040	Elbow 90° DN40KF, stainless steel	61,8
ZG14UNF716	Adaptor G1/4 - 7/16" UNF with inlaid rubber seal, length 35 mm	27,5
ZG1614	Adaptor DN16KF - G1/4, stainless steel	26,0
ZNPT14	Adaptor DN16KF - NPT1/4, stainless steel	34,6
ZRRG2516	Reducing piece DN25 - 16KF, stainless steel, length 28mm	27,2
ZRRG4025	Reducing piece DN40 - 25KF, stainless steel, length 28mm	38,3
ZRZ1016	Reducing ring DN10/16 ISO-KF, stainless steel / FKM	6,9
ZSF016	DN 16 ISO-KF welding flange, stainless steel	13,6
ZSF025	DN 25 ISO-KF welding flange, stainless steel	23,5
ZSFL016	DN 16 ISO-KF welding flange long, stainless steel	22,2
ZSFL025	DN 25 ISO-KF welding flange long, stainless steel	32,1
ZSR1016	Clamp DN10/16KF, aluminum	5,2
ZSR2025	Clamp DN20/25KF, aluminum	6,0
ZSR3240	Clamp DN32/40KF, aluminum	6,8
ZSSR1016	DN10/16 KF quick release clamp, aluminum/plastic	16,1
ZSSR2025	Quick clamp DN20/25KF, aluminium/plastic	18,5
ZSSR3240	Quick clamp DN32/40KF, aluminium/plastic	19,8
ZSW1612	Adaptor DN16KF - hose nozzle 12mm, stainless steel	22,2
ZSWK1408	Hose nozzle PP	10,5
ZTS016	Tee, DN16KF, stainless steel	69,2
ZTA016	Tee, DN16KF, aluminium	29,7
ZTA025	Tee, DN25KF, aluminium	44,5
ZZCH016	Baffle DN16 ISO KF with centering ring, stainless steel / FKM	25,2
ZZCH025	Baffle DN25 ISO KF with centering ring, stainless steel / FKM	27,5
ZZCH040	Baffle DN40 ISO KF with centering ring, stainless steel / FKM	28,6
ZZCH040CF	Baffle DN40 ISO KF, stainless steel	20,7
ZZADF016	External centering ring DN16KF with wire filter, stainless steel / FKM	20,5
ZZDF016	Centering ring DN16KF with wire filter, stainless steel/FKM	19,8
ZZR016	Centering ring DN16KF, stainless steel/FKM	4,8
ZZR025	Centering ring DN25KF, stainless steel/FKM	5,5
ZZR040	Centering ring DN40KF, stainless steel/FKM	6,9
ZZSF016	Centering Ring DN16 ISO KF, sinter filter	31,2
ZSST016	Spiral pipe, stainless steel, DN16KF	214
ZSST025	Spiral pipe, stainless steel, DN25KF	236

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