

Price list 2021

Flow, Level ,Pressure

rev.0

General Index

S103/C Electromagnetic Flowmeter with CH2200 Measuring Pipe	2
S103/C Electromagnetic Flowmeter with CH2300 Measuring Pipe 0D upstream/downstream	6
S103/C Electromagnetic Flowmeter with CH 2400 Measuring Pipe	8
S103/C Electromagnetic Flowmeter with CH 1000 Measuring Pipe	10
S103/C Electromagnetic Flowmeter with CH 500 Measuring Pipe	12
Grounding Ring	14
S103/C Electromagnetic Flowmter with CH 1222 Insertion sensor	15
S103/C Electromagnetic Flowmter with CH 2770 Insertion sensor	17
S103/C Electromagnetic Flowmter with CH 2660 Insertion sensor	19
4204 Ultrasonic Flow Meter for Open channel with flumes or weir	20
Wall mounting transit time ultrasonic flow meter for full pipe clean water application	22
Portable transit time ultrasonic flow meter for full pipeclean water application	23
Ultrasonic_Doppler_Effect_flow_meters_for_full_pipes	24
Area_Velocity_Flow_Meters_for_open_channels_without_restriction_or_partially_filled_pipes	26
4204 Level meter with Ultrasonic sensor	28
Hydrostatic Level Sensor	29
METER Ultrasonic Level transmitter	31
RPL55 Radar level transmitter with threaded connection	32
RDR 75 Radar level transmitter with threaded connection	33
KPT Pressure transmitter	34
CPT Pressure transmitter	35
SPT Pressure transmitter	36
SDT Differential Pressure transmitter	37

Code	Description	List Price	Over Price
S3	S103/C Electromagnetic Flowmeter with CH2200 Measuring Pipe		
Version	Description		
A	CH 608 Converter Supply 90...264Vac IP68	820,00	
B	CH 608 Converter Supply 12-24Vac/dc IP68	715,00	
C	CH 608 Converter Supply 90...264Vac IP68 Hart Protocol	1.169,00	
D	CH 608 Converter Supply 12-24Vac/dc IP68 Hart Protocol	1.068,00	
	Also Available:		
	Battery powered supply (1)		25,00*
	Rechargeable Battery supply + solar panel (2)		25,00*
	Battery Pack		222,00
	Solar panel 10W		172,00
	Rechargeable Battery		306,00
	(1) Battery not included: With such configuration the CH608 Converter will have only Digital output for Pulse active		
	(2) Battery pack and solar panel not included, With such configuration the CH608 Converter will have the full outputs active in recharge mode (with sunshine) . During "no recharge mode" only Digital output for Pulse will be active.		
	* = over price on "B" version		
	CH 2200 Flanged measuring pipe PTFE or EBONITE		
1	CH 2200 Flanged measuring pipe PTFE or EBONITE lining up to DN 2000 Coil housing and flanges in carbon steel painted RAL 5010. Tube in AISI304 Liner PTFE from DN15 to DN100 (1/2" to 4") Liner Ebonite for drinking water and food DN≥ 125 (5") DN 15-DN20 n.2 electrodes; DN24-40 n.3 electrodes; DN ≥50 4 electrodes. Electrodes in Hastelloy C Protection degree IP 68 (1,5 c.o.w.) Standard flanges EN1092-1 Temperature of liquid: 80°C compact version 130°C separate version with std resin and liner in PTFE 180°C separate version with special resin and liner in PTFE (opt.)		
	CH 2200 Flanged measuring pipe PTFE or EBONITE	Price for PTFE lining	Over Price for Ebonite lining
0015U4	DN 15 Flange EN 1092-1 PN 40 riv. PTFE lining	898,00	
0020U4	DN 20 Flange EN 1092-1 PN 40 riv. PTFE lining	898,00	
0025U4	DN 25 Flange EN 1092-1 PN 40 riv. PTFE lining	898,00	
0032U4	DN 32 Flange EN 1092-1 PN 40 riv. PTFE lining	908,00	
0040U4	DN 40 Flange EN 1092-1 PN 40 riv. PTFE lining	908,00	
0050U4	DN 50 Flange EN 1092-1 PN 40 riv. PTFE lining	942,00	74,00
0065U2	DN 65Flange EN 1092-1 PN 16 riv. PTFE lining	1.031,00	87,00
0065U4	DN 65 Flange EN 1092-1 PN 40 riv. PTFE lining	1.031,00	87,00
0080U2	DN 80 Flange EN 1092-1 PN 16 riv. PTFE lining	1.125,00	99,00
0080U4	DN 80 Flange EN 1092-1 PN 40 riv. PTFE lining	1.159,00	99,00
0100U2	DN100 Flange EN 1092-1 PN 16 riv. PTFE lining	1.235,00	109,00
0100U4	DN 100 Flange EN 1092-1 PN 40 riv. PTFE lining	1.285,00	109,00
0125U2	DN125 Flange EN 1092-1 PN 16 Rubber lining	1.471,00	74,00
0125U3	DN 125 Flange EN 1092-1 PN 25 Rubber lining	1.439,00	74,00
0125U4	DN 125 Flange EN 1092-1 PN 40 Rubber lining	1.463,00	74,00

Code	Description	List Price	Over Price
		Price for Ebonite lining	Over Price for PTFE lining
0150U2	DN150 Flange EN 1092-1 PN 16 Rubber lining	1.645,00	99,00
0150U3	DN 150 Flange EN 1092-1 PN 25 Rubber lining	1.671,00	99,00
0150U4	DN 150 Flange EN 1092-1 PN 40 Rubber lining	1.708,00	99,00
0200U1	DN 200 Flange EN 1092-1 PN 10 Rubber lining	1.796,00	170,00
0200U2	DN 200 Flange EN 1092-1 PN 16 Rubber lining	1.796,00	170,00
0200U3	DN 200 Flange EN 1092-1 PN 25 Rubber lining	2.055,00	170,00
0200U4	DN 200 Flange EN 1092-1 PN 40 Rubber lining	2.310,00	170,00
0250U1	DN 250 Flange EN 1092-1 PN 10 Rubber lining	1.991,00	303,00
0250U2	DN 250 Flange EN 1092-1 PN 16 Rubber lining	1.991,00	303,00
0250U3	DN 250 Flange EN 1092-1 PN 25 Rubber lining	2.286,00	303,00
0250U4	DN 250 Flange EN 1092-1 PN 40 Rubber lining	2.635,00	303,00
0300U1	DN 300 Flange EN 1092-1 PN 10 Rubber lining	2.318,00	426,00
0300U2	DN 300 Flange EN 1092-1 PN 16 Rubber lining	2.318,00	426,00
0300U3	DN 300 Flange EN 1092-1 PN 25 Rubber lining	2.886,00	426,00
0300U4	DN 300 Flange EN 1092-1 PN 40 Rubber lining	3.408,00	426,00
0350U1	DN 350 Flange EN 1092-1 PN 10 Rubber lining	2.576,00	1.986,00
0350U2	DN 350 Flange EN 1092-1 PN 16 Rubber lining	2.576,00	1.986,00
0350U3	DN 350 Flange EN 1092-1 PN 25 Rubber lining	3.468,00	1.986,00
0350U4	DN 350 Flange EN 1092-1 PN 40 Rubber lining	3.605,00	1.986,00
0400U1	DN 400 Flange EN 1092-1 PN 10 Rubber lining	3.089,00	2.480,00
0400U2	DN 400 Flange EN 1092-1 PN 16 Rubber lining	3.089,00	2.480,00
0400U3	DN 400 Flange EN 1092-1 PN 25 Rubber lining	4.046,00	2.480,00
0400U4	DN 400 Flange EN 1092-1 PN 40 Rubber lining	4.806,00	2.480,00
0450U1	DN 450 Flange EN 1092-1 PN 10 Rubber lining	4.108,00	3.718,00
0450U2	DN 450 Flange EN 1092-1 PN 16 Rubber lining	4.108,00	3.718,00
0450U3	DN 450 Flange EN 1092-1 PN 25 Rubber lining	5.003,00	3.718,00
0500U1	DN 500 Flange EN 1092-1 PN 10 Rubber lining	4.619,00	4.088,00
0500U2	DN 500 Flange EN 1092-1 PN 16 Rubber lining	4.881,00	4.088,00
0500U3	DN 500 Flange EN 1092-1 PN 25 Rubber lining	5.651,00	4.088,00
0600U1	DN 600 Flange EN 1092-1 PN 10 Rubber lining	5.911,00	4.581,00
0600U2	DN 600 Flange EN 1092-1 PN 16 Rubber lining	6.035,00	4.581,00
0600U3	DN 600 Flange EN 1092-1 PN 25 Rubber lining	7.440,00	4.581,00
0700U1	DN 700 Flange EN 1092-1 PN 10 Rubber lining	6.932,00	5.573,00
0700U2	DN 700 Flange EN 1092-1 PN 16 Rubber lining	7.333,00	5.573,00
0700U3	DN 700 Flange EN 1092-1 PN 25 Rubber lining	9.610,00	5.573,00
0800U1	DN 800 Flange EN 1092-1 PN 10 Rubber lining	9.600,00	on request
0800U2	DN 800 Flange EN 1092-1 PN 16 Rubber lining	10.263,00	on request
0800U3	DN 800 Flange EN 1092-1 PN 25 Rubber lining	12.812,00	on request
0900U1	DN 900 Flange EN 1092-1 PN 10 Rubber lining	10.880,00	on request
0800U2	DN 900 Flange EN 1092-1 PN 16 Rubber lining	12.824,00	on request
0900U3	DN 900 Flange EN 1092-1 PN 25 Rubber lining	15.429,00	on request
1000U1	DN 1000 Flange EN 1092-1 PN 10 Rubber lining	14.676,00	on request
1000U2	DN 1000 Flange EN 1092-1 PN 16 Rubber lining	17.363,00	on request
1000U3	DN 1000 Flange EN 1092-1 PN 25 Rubber lining	22.158,00	on request

Code	Description	List Price	Over Price
	CH 2200 Flanged measuring pipe PTFE or EBONITE	Price for Ebonite lining	Over Price for PTFE lining
1200U1	DN 1200 Flange EN 1092-1 PN 10 Rubber lining	18.602,00	on request
1200U2	DN 1200 Flange EN 1092-1 PN 16 Rubber lining	23.746,00	on request
1200U3	DN 1200 Flange EN 1092-1 PN 25 Rubber lining	27.622,00	on request
1400U1	DN 1400 Flange EN 1092-1 PN 10 Rubber lining	22.531,00	on request
1400U2	DN 1400 Flange EN 1092-1 PN 16 Rubber lining	30.060,00	on request
1400U3	DN 1400 Flange EN 1092-1 PN 25 Rubber lining	36.807,00	on request
1600U1	DN 1600 Flange EN 1092-1 PN 10 Rubber lining	31.275,00	on request
1600U2	DN 1600 Flange EN 1092-1 PN 16 Rubber lining	40.687,00	on request
1600U3	DN 1600 Flange EN 1092-1 PN 25 Rubber lining	56.478,00	on request
1800U1	DN 1800 Flange EN 1092-1 PN 10 Rubber lining	42.228,00	on request
1800U2	DN 1800 Flange EN 1092-1 PN 16 Rubber lining	49.190,00	on request
1800U3	DN 1800 Flange EN 1092-1 PN 25 Rubber lining	66.799,00	on request
2000U1	DN 2000 Flange EN 1092-1 PN 10 Rubber lining	49.766,00	on request
2000U2	DN 2000 Flange EN 1092-1 PN 16 Rubber lining	62.206,00	on request
2000U3	DN 2000 Flange EN 1092-1 PN 25 Rubber lining	77.158,00	on request
	Also Available with following flange types: Up to DN 400: EN 1092-1 PN 64, ANSI 150,300; 600; other on request Over DN 400: EN 1092-1 PN 40, ANSI 150,300; 600; other on request		
	Tube/Body / Flanges material		
F	AISI304/Carbon Steel/carbon steel	Standard	
X	AISI304/AISI304I/AISI304	On request	
S	AISI304/AISI316/AISI316	On request	
A	AISI316/AISI316/AISI316	On request	
	Other materials combination on request		
	Internal Lining		
1	PTFE	see price table	
2	Rubber from Dn 50	see price table	
	Electrodes no. and Material		
H	3 electrodes AISI 316L	On Request	
A	3 electrodes HASTELLOY C (Standard up to DN 40)	Standard	
N	3 electrodes PLATINUM	On Request	
P	3 electrodes TITANIUM	180,00	
Q	3 electrodes TANTALIUM	723,00	
D	4 electrodes AISI 316L	On Request	
F	4 electrodes HASTELLOY C	Standard	
G	4 electrodes TITANIUM	236,00	
	4 electrodes Tantalium or Platinum on request		
	Version		
C	Compact	0,00	
S	Separated	218,00	
	Temp. max del liquid		
A	up to 130°C	0,00	
B	up to 180°C	On Request	

Code	Description	List Price	Over Price
	Cables lenght		
--	none	0,00	
A	pair of cables 5m	40,00	
B	pair of cables 7m	53,00	
C	pair of cables 10m	76,00	
D	pair of cables 15m	111,00	
E	pair of cables 20m	148,00	
F	pair of cables 25m	183,00	
G	pair of cables 30m	220,00	
H	pair of cables 35m	254,00	
I	pair of cables 40m	293,00	
L	pair of cables 45m	327,00	
M	pair of cables 50m	364,00	
N	pair of cables 55m	400,00	
O	pair of cables 60m	437,00	
P	pair of cables 65m	471,00	
Q	pair of cables 70m	508,00	
R	pair of cables 80m	652,00	
S	pair of cables 90m	652,00	
T	pair of cables 100m	725,00	
	Also Avilable:		
	ATEX - Available for separate version		
	ATEX/IECEx: II 2GD Ex mb IIC T6...T4.....	218,00	

Code	Description	List Price	Over Price
S3	S103/C Electromagnetic Flowmeter with CH2300 Measuring Pipe 0D upstream/downstream		
Version	Description		
A	CH 608 Converter Supply 90...264Vac IP68	820,00	
B	CH 608 Converter Supply 12-24Vac/dc IP68	715,00	
C	CH 608 Converter Supply 90...264Vac IP68 Hart Protocol	1.169,00	
D	CH 608 Converter Supply 12-24Vac/dc IP68 Hart Protocol	1.068,00	
	Also Available:		
	Battery powered supply (1)		25,00*
	Rechargeable Battery supply + solar panel (2)		25,00*
	Battery Pack		222,00
	Solar panel 10W		172,00
	Rechargeable Battery		306,00
	(1) Battery not included: With such configuration the CH608 Converter will have only Digital output for Pulse active		
	(2) ** Battery pack and solar panel not included, With such configuration the CH608 Converter will have the full outputs active in recharge mode (with sunshine) . During "no recharge mode" only Digital output for Pulse will be active.		
	* = over price on "B" version		
	Measuring Pipe		
2	CH 2300 Flanged measuring EBONITE lining up to DN 300 Coil housing and flanges in carbon steel painted RAL 5010 Tube in AISI304 Liner Ebonite 4 electrodes in AISI 316L C DN ≥80 (≥3") Protection degree IP 68 (1,5 c.o.w.) Standard flanges EN1092-1 Upstream and downstream requirements: 0Dx0D Temperature of liquid max 80°C		
	CH 2300 Flanged measuring pipe EBONITE		
0050U2	DN 50 Flange EN 1092-1 PN 16 riv. Ebonite lining	1.046,00	
0065U2	DN 65 Flange EN 1092-1 PN 16 riv. Ebonite lining	1.146,00	
0080U2	DN 80 Flange EN 1092-1 PN 16 riv. Ebonite lining	1.264,00	
0100U2	DN100 Flange EN 1092-1 PN 16 riv. Ebonite lining	1.377,00	
0125U2	DN125 Flange EN 1092-1 PN 16 Ebonite lining	1.530,00	
0150U2	DN150 Flange EN 1092-1 PN 16 Ebonite lining	1.794,00	
0200U1	DN 200 Flange EN 1092-1 PN 10 Ebonite lining	5.101,00	
0200U2	DN 200 Flange EN 1092-1 PN 16 Ebonite lining	2.101,00	
0250U1	DN 250 Flange EN 1092-1 PN 10 Ebonite lining	2.548,00	
0250U2	DN 250 Flange EN 1092-1 PN 16 Ebonite lining	2.548,00	
0300U1	DN 300 Flange EN 1092-1 PN 10 Ebonite lining	2.884,00	
0300U2	DN 300 Flange EN 1092-1 PN 16 Ebonite lining	2.884,00	
	Also Available with following flange types: ANSI 150;		

Code	Description	List Price	Over Price
	Body / Flanges material		
F	Carbon Steel	Standard	
X	AISI 304	On request	
S	AISI 316	On request	
D	Carbon Steel / AISI 304	On request	
E	Carbon Steel / AISI 316	On request	
	Others - to be specified		
	Electrodes no. and Material		
F	4 electrodes HASTELLOY C	Standard	
	4 electrodes TANTALUM	On request	
G	4 electrodes TITANIUM	223,00	
	Version		
C	Compact	0,00	
S	Separated	218,00	
	Temp. max del liquid		
A	up to 130°C	0,00	
B	up to 180°C	on request	
	Cables lenght		
--	none	0,00	
A	pair of cables 5m	40,00	
B	pair of cables 7m	53,00	
C	pair of cables 10m	76,00	
D	pair of cables 15m	111,00	
E	pair of cables 20m	148,00	
F	pair of cables 25m	183,00	
G	pair of cables 30m	220,00	
H	pair of cables 35m	254,00	
I	pair of cables 40m	293,00	
L	pair of cables 45m	327,00	
M	pair of cables 50m	364,00	
N	pair of cables 55m	400,00	
O	pair of cables 60m	437,00	
P	pair of cables 65m	471,00	
Q	pair of cables 70m	508,00	
R	pair of cables 80m	652,00	
S	pair of cables 90m	652,00	
T	pair of cables 100m	725,00	
	Also Available:		
	ATEX - Available for separate version		
	ATEX/IECEX: II 2GD Ex mb IIC T6...T4.....	218,00	

Code	Description	List Price	Over Price
S3	S103/C Electromagnetic Flowmeter with CH 2400 Measuring Pipe		
Version	Description		
A	CH 608 Converter Supply 90...264Vac IP68	820,00	
B	CH 608 Converter Supply 12-24Vac/dc IP68	715,00	
C	CH 608 Converter Supply 90...264Vac IP68 Hart Protocol	1.169,00	
D	CH 608 Converter Supply 12-24Vac/dc IP68 Hart Protocol	1.068,00	
	Also Available:		
	Battery powered supply (1)		25,00*
	Rechargeable Battery supply + solar panel (2)		25,00*
	Battery Pack		222,00
	Solar panel 10W		172,00
	Rechargeable Battery		306,00
	(1) Battery not included: With such configuration the CH608 Converter will have only Digital output for Pulse active		
	(2) ** Battery pack and solar panel not included, With such configuration the CH608 Converter will have the full outputs active in recharge mode (with sunshine) . During "no recharge mode" only Digital output for Pulse will be active.		
	* = over price on "B" version		
	Measuring Pipe		
3	CH2400 Industrial Food Connection measuring pipe PTFE lining Body in AISI 304 polished; Liner PTFE 2 electrodes in HC Connections in AISI 316 Temperature of liquid: 80°C compact version 130°C separate version with std resin and liner in PTFE 180°C separate version with special resin and liner in PTFE (opt.)		
	CH 2400 Flanged measuring pipe		
0025D1	DN 25 Flange DIN 11851 PN 25 PTFE lining	1.234,00	
0025T1	DN 25 Flange ATC TRICLAMP PN 16 PTFE lining	1.060,00	
0025S1	DN 25 Flange SMS 1146 threaded male PN 25 PTFE lining	1.234,00	
0032D1	DN 32 Flange DIN 11851 PN 40 PTFE lining	1.308,00	
0032S1	DN 32 Flange SMS 1146 threaded male PN 25 PTFE lining	1.308,00	
0040D1	DN 40 Flange DIN 11851 PN 25 PTFE lining	1.308,00	
0040T1	DN 40 Flange ATC TRICLAMP PN 16PTFE lining	1.110,00	
0040S1	DN 40 Flange SMS 1146 threaded male PN 25 PTFE lining	1.308,00	
0050D1	DN 50 Flange DIN 11851 PN 25 PTFE lining	1.419,00	
0050T1	DN 50 Flange ATC TRICLAMP PN 16 PTFE lining	1.185,00	
0050S1	DN 50 Flange SMS 1146 threaded male PN 25 PTFE lining	1.419,00	
0065D1	DN 65 Flange DIN 11851 PN 25 PTFE lining	1.569,00	
0065T1	DN 65 Flange ATC TRICLAMP PN 16 PTFE lining	1.308,00	
0065S1	DN 65 Flange SMS 1146 threaded male PN 25 PTFE lining	1.569,00	
0080D1	DN 80 Flange DIN 11851 PN 25 PTFE lining	1.782,00	
0080T1	DN 80 Flange ATC TRICLAMP PN 16 PTFE lining	1.446,00	
0080S1	DN 80 Flange SMS 1146 threaded male PN 25 PTFE lining	1.782,00	
0100D1	DN 100 Flange DIN 11851 PN 25 PTFE lining	1.992,00	
0100T1	DN 100 Flange ATC TRICLAMP PN 16 PTFE lining	1.643,00	
0100S1	DN 100 Flange SMS 1146 threaded male PN 25 PTFE lining	1.992,00	

Code	Description	List Price	Over Price
	Electrodes no. and Material		
L	2 electrodes AISI 316L	On request	
B	2 electrodes HASTELLOY B	On request	
C	2 electrodes HASTELLOY C	Standard	
P	2 electrodes PLATINUM	On request	
T	2 electrodes TITANIUM	On request	
Z	2 electrodes TANTALIUM	On request	
F	Empty pipe 3 electrodes HASTELLOY C	On request	
	Version		
C	Compact	0,00	
S	Separated	218,00	
	Cables lenght		
--	none	0,00	
A	pair of cables 5m	40,00	
B	pair of cables 7m	53,00	
C	pair of cables 10m	76,00	
D	pair of cables 15m	111,00	
E	pair of cables 20m	148,00	
F	pair of cables 25m	183,00	
G	pair of cables 30m	220,00	
H	pair of cables 35m	254,00	
I	pair of cables 40m	293,00	
L	pair of cables 45m	327,00	
M	pair of cables 50m	364,00	
N	pair of cables 55m	400,00	
O	pair of cables 60m	437,00	
P	pair of cables 65m	471,00	
Q	pair of cables 70m	508,00	
R	pair of cables 80m	652,00	
S	pair of cables 90m	652,00	
T	pair of cables 100m	725,00	
	Also Available:		
	ATEX - Available for separate version		
	ATEX/IECEX: II 2GD Ex mb IIC T6...T4.....	218,00	

Code	Description	List Price	Over Price
Version	S103/C Electromagnetic Flowmeter with CH 1000 Measuring Pipe		
A	Description	820,00	
B	CH 608 Converter Supply 90...264Vac IP68	715,00	
C	CH 608 Converter Supply 12-24Vac/dc IP68	1.169,00	
D	CH 608 Converter Supply 90...264Vac IP68 Hart Protocol	1.068,00	
	CH 608 Converter Supply 12-24Vac/dc IP68 Hart Protocol		
	Also Available:		25,00*
	Battery powered supply (1)		25,00*
	Rechargeable Battery supply + solar panel (2)		222,00
	Battery Pack		172,00
	Solar panel 10W		306,00
	Rechargeable Battery		
	(1) Battery not included: With such configuration the CH608 Converter will have only Digital output for Pulse active		
	(2) ** Battery pack and solar panel not included, With such configuration the CH608 Converter will have the full outputs active in recharge mode (with sunshine) . During "no recharge mode" only Digital output for Pulse will be active.		
	* = over price on "B" version		
4	Measuring Pipe		
	CH 1000 Wafer Connection measuring pipe PTFE lining (opt.) Body in carbon steel painted RAL 5010 Liner PTFE up to DN100 (4") Liner Ebonite suitable for drinking water and food DN ≥ 125 (5") 4 electrodes in Hastelloy C DN ≥50 (≥2") Protection degree IP 68 (1,5 c.o.w.) Temperature of liquid: 80°C compact version 130°C separate version with std resin and liner in PTFE 180°C separate version with special resin and liner in PTFE (opt.)		
		Price for PTFE lining	Over Price for Rubber lining
0025W4	Diameter and flange type	722,00	
0032W4	DN 25 Wafer PN 40 PTFE lining	722,00	
0040W4	DN 32 Wafer PN 40 PTFE lining	722,00	
0050W4	DN 40 Wafer PN 40 PTFE lining	757,00	74,00
0065W4	DN 50 Wafer PN 40 PTFE lining	806,00	87,00
0080W4	DN 65 Wafer PN 40 PTFE lining	855,00	99,00
0100W4	DN 80 Wafer PN 40 PTFE lining	934,00	109,00
	DN 100 Wafer PN 40 PTFE lining	Price for Rubber lining	Over Price for PTFE lining
0125W4		1.138,00	135,00
0150W4	DN 125 Wafer PN 40 Rubber lining	1.241,00	159,00
0200W2	DN 150 Wafer PN 40 Rubber lining	1.441,00	184,00
0250W2	DN 200 Wafer PN16 Rubber lining	1.560,00	239,00
0300W2	DN 250 Wafer PN 16 Rubber lining	1.772,00	494,00
	DN 300 Wafer PN 16 Rubber lining		

Code	Description	List Price	Over Price
	Body / Flanges material		
F	Carbon Steel	On request	
X	AISI 304	Standard	
	Internal Lining		
1	PTFE (Standard for DN 25...100)	see price table	
2	Rubber (standard from Dn 125)	see price table	
	Electrodes no. and Material		
H	3 electrodes AISI 316L	On request	
M	3 electrodes HASTELLOY B	On request	
A	3 electrodes HASTELLOY C (Standard up to DN 40)	Standard	
N	3 electrodes PLATINUM	On request	
P	3 electrodes TITANIUM	184,00	
Q	3 electrodes TANTALIUM	738,00	
D	4 electrodes AISI 316L	On request	
E	4 electrodes HASTELLOY B	On request	
F	4 electrodes HASTELLOY C (Standard from DN 50)	Standard	
G	4 electrodes TITANIUM	236,00	
	Version		
C	Compact		
S	Separated	218,00	
	Temp. max del liquid		
A	up to 130°C	0,00	
B	up to 180°C	on request	
	Cables lenght		
--	none	0,00	
A	pair of cables 5m	40,00	
B	pair of cables 7m	53,00	
C	pair of cables 10m	76,00	
D	pair of cables 15m	111,00	
E	pair of cables 20m	148,00	
F	pair of cables 25m	183,00	
G	pair of cables 30m	220,00	
H	pair of cables 35m	254,00	
I	pair of cables 40m	293,00	
L	pair of cables 45m	327,00	
M	pair of cables 50m	364,00	
N	pair of cables 55m	400,00	
O	pair of cables 60m	437,00	
P	pair of cables 65m	471,00	
Q	pair of cables 70m	508,00	
R	pair of cables 80m	652,00	
S	pair of cables 90m	652,00	
T	pair of cables 100m	725,00	
	Also Avilable:		
	ATEX - Available for separate version		
	ATEX/IECEX: II 2GD Ex mb IIC T6...T4.....	218,00	

Code	Description	List Price	Over Price
	S103/C Electromagnetic Flowmeter with CH 500 Measuring Pipe		
Version	Description		
A	CH 608 Converter Supply 90...264Vac IP68	820,00	
B	CH 608 Converter Supply 12-24Vac/dc IP68	715,00	
C	CH 608 Converter Supply 90...264Vac IP68 Hart Protocol	1.169,00	
D	CH 608 Converter Supply 12-24Vac/dc IP68 Hart Protocol	1.068,00	
	Also Available:		
	Battery powered supply (1)		25,00*
	Rechargeable Battery supply + solar panel (2)		25,00*
	Battery Pack		222,00
	Solar panel 10W		172,00
	Rechargeable Battery		306,00
	(1) Battery not included: With such configuration the CH608 Converter will have only Digital output for Pulse active		
	(2) ** Battery pack and solar panel not included, With such configuration the CH608 Converter will have the full outputs active in recharge mode (with sunshine) . During "no recharge mode" only Digital output for Pulse will be active.		
	* = over price on "B" version		
5	CH 500 Threaded connection measuring pipe PTFE lining (opt.) Flow tube in PTFE Std. Connections: male threaded gas UNI ISO 228/1 in AISI 316L 2 electrodes in AISI 316L Body in AISI 304 polished Nominal pressure PN 16 Protection degree IP 68 at 1,5 c.o.w. Temperature of liquid: 80°C compact version 130°C separate version with std resin and liner in PTFE 180°C separate version with special resin and liner in PTFE (opt.)		
	Diameter and flange type		
0006G1	DN 6 (1/4") GAS male Threaded UNI ISO 228/1 PN16 PTFE lining	789,00	
0006N1	DN 6 (1/4") NPT Male Threaded PN16 PTFE lining	789,00	
0006T1	DN 6 (1/4") Flange Clamp BS 4825 PN16 PTFE lining	616,00	
0006D1	DN 6 (1/4") Flange DIN 11851 PN16 PTFE lining	846,00	
0010G1	DN 10 (3/8") GAS male Threaded UNI ISO 228/1 PN16 PTFE lining	789,00	
0010N1	DN 10 (3/8") NPT Male Threaded PN16 PTFE lining	789,00	
0010T1	DN 10 (3/8") Flange Clamp BS 4825 PN16 PTFE lining	916,00	
0010D1	DN 10 (3/8") Flange DIN 11851 PN16 PTFE lining	846,00	
0015G1	DN 15 (1/2") GAS male Threaded UNI ISO 228/1 PN16 PTFE lining	789,00	
0015N1	DN 15 (1/2") NPT Male Threaded PN16 PTFE lining	789,00	
0015T1	DN 15 (1/2") Flange Clamp BS 4825 PN16 PTFE lining	916,00	
0015D1	DN 15 (1/2") Flange DIN 11851 PN16 PTFE lining	846,00	
0020G1	DN 20 (3/4") GAS male Threaded UNI ISO 228/1 PN16 PTFE lining	789,00	
0020N1	DN 20 (3/4") NPT Male Threaded PN16 PTFE lining	789,00	
0020T1	DN 20 (3/4") Flange ATC Triclap PN16 PTFE lining	916,00	
0020D1	DN 20 (3/4") Flange DIN 11851 PN16 PTFE lining	846,00	

Code	Description	List Price	Over Price
	Body / Flanges material		
S	AISI 316	Standard	
B	Hastelloy B	On request	
C	Hastelloy C	On request	
T	Titanium	On request	
	Electrodes no. and Material		
L	2 electrodes AISI 316L	Standard	
B	2 electrodes HASTELLOY B	On request	
C	2 electrodes HASTELLOY C	On request	
T	2 electrodes TITANIUM	On request	
	Version		
C	Compact		
S	Separated	218,00	
	Cables lenght		
--	none	0,00	
A	pair of cables 5m	40,00	
B	pair of cables 7m	53,00	
C	pair of cables 10m	76,00	
D	pair of cables 15m	111,00	
E	pair of cables 20m	148,00	
F	pair of cables 25m	183,00	
G	pair of cables 30m	220,00	
H	pair of cables 35m	254,00	
I	pair of cables 40m	293,00	
L	pair of cables 45m	327,00	
M	pair of cables 50m	364,00	
N	pair of cables 55m	400,00	
O	pair of cables 60m	437,00	
P	pair of cables 65m	471,00	
Q	pair of cables 70m	508,00	
R	pair of cables 80m	652,00	
S	pair of cables 90m	652,00	
T	pair of cables 100m	725,00	

Code	Description	List Price	Over Price
Ground rings for S103/C			
PAY ATTENTION:			
Code is for Single Ring, in case of pair use double quantity			
		SINGLE	
DS0025XS103C	Ground Rings AISI 304 DN25	31,00	
DS0032XS103C	Ground Rings AISI 304 DN32	33,00	
DS0040XS103C	Ground Rings AISI 304 DN40	33,00	
DS0050XS103C	Ground Rings AISI 304 DN50	100,00	
DS0065XS103C	Ground Rings AISI 304 DN65	46,00	
DS0080XS103C	Ground Rings AISI 304 DN80	54,00	
DS0100XS103C	Ground Rings AISI 304 DN100	60,00	
DS0125XS103C	Ground Rings AISI 304 DN125	70,00	
DS0150XS103C	Ground Rings AISI 304 DN150	47,00	
DS0200XS103C	Ground Rings AISI 304 DN200	93,00	
DS0250XS103C	Ground Rings AISI 304 DN250	138,00	
DS0300XS103C	Ground Rings AISI 304 DN300	178,00	
DS0350XS103C	Ground Rings AISI 304 DN350	212,00	
DS0400XS103C	Ground Rings AISI 304 DN400	259,00	
DS0450XS103C	Ground Rings AISI 304 DN450	284,00	
DS0500XS103C	Ground Rings AISI 304 DN500	331,00	
DS0600XS103C	Ground Rings AISI 304 DN600	391,00	
DS0700XS103C	Ground Rings AISI 304 DN700	455,00	
DS0800XS103C	Ground Rings AISI 304 DN800	54,00	
DS0900XS103C	Ground Rings AISI 304 DN900	714,00	
DS1000XS103C	Ground Rings AISI 304 DN1000	880,00	
DS1200XS103C	Ground Rings AISI 304 DN1200	1262,00	
DS1400XS103C	Ground Rings AISI 304 DN1400	1511,00	
DS1600XS103C	Ground Rings AISI 304 DN1600	1695,00	
DS1800XS103C	Ground Rings AISI 304 DN1800	1838,00	
DS2000XS103C	Ground Rings AISI 304 DN2000		on request

Code	Description	List Price	Over Price
	S103/C Electromagnetic Flowmeter with CH 1222 Measuring Pipe		
Version	Description		
	Converter		
A	CH 608 Converter Supply 90...264Vac IP68	820,00	
B	CH 608 Converter Supply 12-24Vac/dc IP68	715,00	
C	CH 608 Converter Supply 90...264Vac IP68 Hart Protocol	1.169,00	
D	CH 608 Converter Supply 12-24Vac/dc IP68 Hart Protocol	1.068,00	
	Also Available:		
	Battery powered supply (1)		25,00*
	Rechargeable Battery supply + solar panel (2)		25,00*
	Battery Pack		222,00
	Solar panel 10W		172,00
	Rechargeable Battery		306,00
	(1) Battery not included: With such configuration the CH608 Converter will have only Digital output for Pulse active		
	(2) ** Battery pack and solar panel not included, With such configuration the CH608 Converter will have the full outputs active in recharge mode (with sunshine) . During "no recharge mode" only Digital output for Pulse will be active.		
	* = over price on "B" version		
	Measuring Sensor		
9	CH 1222 Insertion sensor with ball valve DN 50.....2600 Max pressure 20 bar Hot tap installation Body in AISI 304 2 electrodes in AISI 316L 1" Ball valve zinc plate brass Head of the unit 22mm Valve connection (female-female) Input connection for pressure gauge Handle grips with flow direction Temperature of liquid: 80°C		
	Size		
0003	S = for pipe DN 50...600	1.336,00	
0005	M = for pipe DN 200...1500	1.514,00	
0007	L = for pipe DN 450...2600	1.704,00	
	Electrodes no. and Material		
L	2 electrodes AISI 316L	standard	
B	2 electrodes HASTELLOY B	on request	
C	2 electrodes HASTELLOY C	on request	
T	2 electrodes TITANIUM	on request	
	Version	0,00	
C	Compact	0,00	
S	Separated	218,00	

Code	Description	List Price	Over Price
	Cables lenght		
--	none	0,00	
A	pair of cables 5m	40,00	
B	pair of cables 7m	53,00	
C	pair of cables 10m	76,00	
D	pair of cables 15m	111,00	
E	pair of cables 20m	148,00	
F	pair of cables 25m	183,00	
G	pair of cables 30m	220,00	
H	pair of cables 35m	254,00	
I	pair of cables 40m	293,00	
L	pair of cables 45m	327,00	
M	pair of cables 50m	364,00	
N	pair of cables 55m	400,00	
O	pair of cables 60m	437,00	
P	pair of cables 65m	471,00	
Q	pair of cables 70m	508,00	
R	pair of cables 80m	652,00	
S	pair of cables 90m	652,00	
T	pair of cables 100m	725,00	

Code	Description	List Price	Over Price
	S103/C Electromagnetic Flowmeter with CH 2770 Measuring Pipe		
Version	Description		
	Converter		
A	CH 608 Converter Supply 90...264Vac IP68	820,00	
B	CH 608 Converter Supply 12-24Vac/dc IP68	715,00	
C	CH 608 Converter Supply 90...264Vac IP68 Hart Protocol	1.169,00	
D	CH 608 Converter Supply 12-24Vac/dc IP68 Hart Protocol	1.068,00	
	Also Available:		
	Battery powered supply (1)		25,00*
	Rechargeable Battery supply + solar panel (2)		25,00*
	Battery Pack		222,00
	Solar panel 10W		172,00
	Rechargeable Battery		306,00
	(1) Battery not included: With such configuration the CH608 Converter will have only Digital output for Pulse active		
	(2) ** Battery pack and solar panel not included, With such configuration the CH608 Converter will have the full outputs active in recharge mode (with sunshine) . During "no recharge mode" only Digital output for Pulse will be active.		
	* = over price on "B" version		
	Size		
7	CH2770 Insertion sensor with DN40 Flanged connection DN 80.....4000 Max pressure 25 bar Empty pipe installation Body in AISI 304 2 electrodes in AISI 316L Fitted with flange UNI 2278 DN40 for connection to the pipe, and 2" nozzle with flange UNI 2278 DN40 Temperature of liquid:80°C compact version		
000A	A- for pipe DN 80.....500	921,00	
000B	B - for pipe DN 550.....1000	943,00	
000C	C - for pipe DN 1100.....1600	1.004,00	
000D	D - for pipe DN 1700.....2000	1.077,00	
000E	E - for pipe DN 2100.....2500	1.216,00	
000F	for pipe DN 2600.....3000	1.203,00	
000G	for pipe DN 3100.....3500	1.241,00	
000H	for pipe DN 3600.....4000	1.280,00	
	Flange type		
U2	UNI 2278 DN 40	standard	
V2	ANSI 150 DN1"1/2	on request	
	Electrodes no. and Material		
L	2 electrodes AISI 316L	standard	
B	2 electrodes HASTELLOY B	on request	
C	2 electrodes HASTELLOY C	on request	
T	2 electrodes TITANIUM	on request	

Code	Description	List Price	Over Price
	Version		
C	Compact	0,00	
S	Separated	218,00	
		0,00	
	Cables lenght		
--	none		
A	pair of cables 5m	40,00	
B	pair of cables 7m	53,00	
C	pair of cables 10m	76,00	
D	pair of cables 15m	111,00	
E	pair of cables 20m	148,00	
F	pair of cables 25m	183,00	
G	pair of cables 30m	220,00	
H	pair of cables 35m	254,00	
I	pair of cables 40m	293,00	
L	pair of cables 45m	327,00	
M	pair of cables 50m	364,00	
N	pair of cables 55m	400,00	
O	pair of cables 60m	437,00	
P	pair of cables 65m	471,00	
Q	pair of cables 70m	508,00	
R	pair of cables 80m	652,00	
S	pair of cables 90m	652,00	
T	pair of cables 100m	725,00	

Code	Description	List Price	Over Price
	S103/C Electromagnetic Flowmeter with CH 2660 Measuring Pipe		
Version	Description		
A	CH 608 Converter Supply 90...264Vac IP68	820,00	
B	CH 608 Converter Supply 12-24Vac/dc IP68	715,00	
C	CH 608 Converter Supply 90...264Vac IP68 Hart Protocol	1.169,00	
D	CH 608 Converter Supply 12-24Vac/dc IP68 Hart Protocol	1.068,00	
	Also Available:		
	Battery powered supply (1)		25,00*
	Rechargeable Battery supply + solar panel (2)		25,00*
	Battery Pack		222,00
	Solar panel 10W		172,00
	Rechargeable Battery		306,00
	(1) Battery not included: With such configuration the CH608 Converter will have only Digital output for Pulse active		
	(2) ** Battery pack and solar panel not included, With such configuration the CH608 Converter will have the full outputs active in recharge mode (with sunshine) . During "no recharge mode" only Digital output for Pulse will be active.		
	* = over price on "B" version		
	Measuring Sensor		
6	CH2660 Insertion sensor with threaded connection DN 80.....500 Max pressure 10 bar; Empty pipe installation; Fixing to the pipe with screw cap Body in AISI 304; 2 electrodes in AISI 316L Temperature of liquid: 80°C	776,00	
	Version		
C	Compact		
S	Separated	218,00	
	Cables lenght		
--	none	0,00	
A	pair of cables 5m	40,00	
B	pair of cables 7m	53,00	
C	pair of cables 10m	76,00	
D	pair of cables 15m	111,00	
E	pair of cables 20m	148,00	
F	pair of cables 25m	183,00	
G	pair of cables 30m	220,00	
H	pair of cables 35m	254,00	
I	pair of cables 40m	293,00	
L	pair of cables 45m	327,00	
M	pair of cables 50m	364,00	
N	pair of cables 55m	400,00	
O	pair of cables 60m	437,00	
P	pair of cables 65m	471,00	
Q	pair of cables 70m	508,00	
R	pair of cables 80m	652,00	
S	pair of cables 90m	652,00	
T	pair of cables 100m	725,00	
	Also Available:		
	ATEX - Available for separate version		
	ATEX/IECEX: II 2GD Ex mb IIC T6...T4.....	218,00	

Code	Description	Euro Each
4204 Ultrasonic Flow Meter for Open channel with flumes or weir		
9710619010	<p>4204/P Ultrasonic Flow Meter for Open channel with flumes or weir Measurement ranges: Flow: 0 ÷ 9999 mc/h Resolution: ± 0.01 mt. Accuracy: ±0.2% F.S. Temperature:-25 / +75.0 °C Resolution:1°C Accuracy:1% F.S: Measuring unit to be set: Flow: mc/h, lt/sec – Level: mt, cm, mm – Temperature: °C Direct flow calculation by selecting the following primary measuring devices (PMD): Weirs: rectangular, Cipolletti, Thompson, Flumes: Venturi, Parshall, Leopold Lagco, Also available free exponential calculation or multipoint table to be set by the user. N r.1 main Totalizer 9 digit non resettable – saved on Flash ROM non volatile Nr.1 resettable Totalizer 9 digit – To be reset in run mode. 6 key programming keyboard. Graphic display. Inside data logger (flash 4 Mbit) . Nr.5 independent digital outputs to be set for high/low level alarm or totalized flow pulse for remote totalizer. Nr.1 digital output for alarm Nr.1 primary analogue output, freely programmable within the measuring range. Nr.1 secondary analogue output to be set for level measurement/temperature/measure repetition. RS485 serial output with MODBUS RTU protocol. Possibility to simulate outputs through keyboard. Hardware technical characteristics: Graphic Display LCD STN 128x64 backlighted N°. 2 analogue outputs 0/4÷20mA 500mW galvanically isolated. N°. 5 Set Point outputs – (max. load 1A a 230Vac resistive) N°.1 cumulative output for alarm – (max. load 1A a 230Vac resistive) Nr.1 RS 485 serial output MODBUS RTU protocol Power supply 90-260Vac 50-60Hz. (Opt 24Vac/dc) Ins. 4KV Abs < 12W ABS container wall mounting IP 65. Dim. mm 144x144x122,5 (d) Weight Kg. 0.9</p>	1.175,00
9710619310	<p>4204/P/P Flow Meter for Open channel with flumes or weir as above but for connection with piezometric sensors with 4..20mA output.</p>	1.175,00
	Optional for 4204 Controller	0,00
9400970001	Internal Supply board 24V ac/dc	146,00
8700401400	Data downloading Software (through RS485 port)	222,00
9800440011	RS485 - USB converter	196,00
	Ultrasonic Transducer IP 67 with connector for cable	0,00
6005001632	<p>S425/K/1,5 Thermocompensated Ultrasonic Transducer measuring range 0,05.....1,5 m Accuracy: ± 0.2% absolute (of the measured distance) anytime not better than ± 1 mm Resolution: ± 1 mm Working temperature – 25...+ 75°C Pressure: from 0,5 to 1,5bar (absolute) Temperature compensation: -10... +75°C Dimension mm. (Ø x H) 75 x 130 Material: Polypropylene (PP) Process connection: 1" G Mechanical protection IP68 Threaded connector for cable 10m. shielded cable with connector (further lenght on request)</p>	779,00

Code	Description	Euro Each
9700926097	S425C/5 Thermocompensated Ultrasonic Transducer measuring range 0,3.....5 mt. Accuracy: ± 0.2% absolute anytime not better than ± 2 mm Resolution: 1 mm Working temperature – 10...+ 75°C Pressure: from 0,5 to 1,5bar (absolute) Temperature compensation: -10... +75°C Dimension mm. (Ø x H) 80 x 157 Material: PVDF Process connection: 1"and 1,5"G.M. Mechanical protection IP67 Threaded connector for cable 10m cable with connector	767,00
9700920097	S425C/5 Thermocompensated Ultrasonic Transducer without cable	685,00
9400400019	10m Extending cable with connectors for digital sensors (for S425/c only)	95,00
9400400020	20m Extending cable with connectors for digital sensors (for S425/c only)	127,00
9400400021	50m Extending cable with connectors for digital sensors (for S425/c only)	227,00
Ultrasonic Transducer IP 68 with integral cable		
9700928097	S425C/5 Thermocompensated Ultrasonic Transducer IP68 measuring range 0,3.....5 mt. Accuracy: ± 0.2% absolute anytime not better than ± 2 mm Resolution: 1 mm Working temperature – 10...+ 75°C Pressure: from 0,5 to 1,5bar (absolute) Temperature compensation: -10... +75°C Dimension mm. (Ø x H) 80 x 157 Material: PVDF Process connection: 1"and 1,5"G.M. Mechanical protection IP68 with integral cable 10m	833,00
1620100601	Multipin cable for Digital sensors- Each meter	8,00
Prefabricated Venturi channels for flow measurement		
1910130000	Venturi channel BS 150 0,5x0,2x0,3 max flow 50 mc/h	959,00
1910130001	Venturi channel BS 200 0,7x0,3x0,3 max flow 55 mc/h	1.045,00
1910130002	Venturi channel BS 300 1x0,4x0,5 max flow150 mc/h (including wooden cage packaging)	1.528,00
1910130003	Venturi channel BS 400 1,3x0,5x0,6 max flow 310 mc/h (including wooden cage packaging	1.861,00
1910130004	Venturi channel BS 500 1,7x0,6x0,7 max flow 500 mc/h (including wooden cage packaging	2.363,00
1910130005	Venturi channel BS 600 1,7x0,7x0,8 max flow 850 mc/h (including wooden cage packaging	3.179,00
1910130006	Venturi channel BS 800 2,1x0,9x1 max flow 1400 mc/h (including wooden cage packaging)	4.549,00
1910130007	Venturi channel BS 1000 2,6x1,1x1,1 max flow 2250 mc/h (including wooden cage	8.019,00
		Euro price
Probe holder and Probe Support Configurator		
970042S	Probe holder and Probe Support	
	A	Fixed support for wall/handrail
	B	Swivel-flag type support for wall/handrail
	A	Length 600 mm
	B	Length 1200 mm
	C	Telescopic Rod 600.....1100 mm
	C	Probe holder support 1" (S425 e S425K)
	D	Probe holder support 2" (RDR;METER)
Code	Description	
9400410737	SS316 Floor vertical pedestal fixing poolside and Protection canopy h=mm.1600	
9400400018	SS 316 Protection canopy Wall mounting mm.200x200x200	

Code	Description	Euro Each
Wall mounting transit time ultrasonic flow meter for full pipe clean water application		
S-101F	S101F Wall mounting transit time ultrasonic flow meter With clamp-on or insertion transducers. Speed range: max ± 12 m/s - Simultaneous display of flowrate and totalizer Output: 4÷20mA + 1 o.c. + 1 relays Accuracy typical $\pm 1\%$ Mechanical Protection: Transmitter IP66 - Transducers IP68 Supplied with fastening clamp for transducers installation up to DN900 + Silicon grease Cable for Sensor 5m (additional cable €8,00/m Max distance 200m)	2.246,00
Version		
U	Datalogger su SD card 8GB	186,00
W	Wall mounting	0,00
Z	Special	
Power supply		
A	230Vac	0,00
B	115Vac	0,00
C	24Vac	0,00
D	10...30Vdc	0,00
Z	Special	
Transducers		
A0	None	0,00
TS-2	Clamp-on type for pipes DN 20÷100 Temperature -30÷90°C	227,00
TM-1	Clamp-on type for pipes DN 50÷700 Temperature - 30÷90°C	263,00
TL-1	Clamp-on type for pipes DN 300÷4000 Temperature - 30÷90°C	367,00
TS2H	Clamp-on type for pipes DN 20÷100 High Temperature -30÷160°C	472,00
TMH1	Clamp-on type for pipes DN 50÷700 High Temperature -30÷160°C	472,00
TI-1H	Clamp-on type for pipes DN 300÷4000 High Temperature -30÷160°C	472,00
TC1-	Insertion type for pipes with thickness max 20mm -40÷160°C	642,00
TLC2	Insertion type for pipes with thickness max 80mm -40÷160°C	827,00
Z9	Special	0,00
Additional output		
4	RS485 MODBUS	61,00
N	None	0,00
Z999	Special	
Accessories		
A	None	0,00
B	RS485 communication software (010D109A)	651,00
Z	Special	0,00
	S101/F Calorie Counter version	on request

Code	Description	Euro Each
	Portable transit time ultrasonic flow meter for full pipe clean water application	
ES200000003 W	S200H Portable Ultrasonic Transit time Flowmeter DN 50..700 Complete with clamp on transducers DN50....700 + 5 m cable + Silca GEL + AC/DC power supply + suitcase Accuracy $\pm 1\%$ ($> 0,2$ m/s) Linearity 0.5% Repeatability 0.2% Response time 1 to 999 s (User configurable) Velocity (Bidirectional) 0~30 m/s Rangeability 500:1 Measurement Parameters Instantaneous flow rate; Totalized flow (4 totalizers,) Velocity Enclosure Handset: IP 67; Transducers: IP 67 Display: 4 lines of 16 characters Back lit LCD display Keypad 18 button keypad 3 AAA NiH rechargeable batteries Power supply (10 hours operation at full charge) Battery charger 110-240 V AC max Power Consumption 2 W Operating temperature Transducers: -40 to 110°C (-40 to 230 °F) Handset: -10 to 55 °C (14 to 131 °F) Input 2 Transducer plugs Output RS 232 75 to 115,200 bps Data Logger 2000 lines of data	3.737,00
	Trasducers	
EST-S2	Pair of transducers for pipes DN 15...100 (op. temp. -40 to 110°C)	341,00
EST-M2	Pair of transducers for pipes DN 50...700 (op. temp. -40 to 110°C)	396,00
EST-L2	Couple of transducers for pipes from DN300 6000 (op. temp. -40 to 110°C)	567,00
GR01 HH	Silicon gel (150g)	40,00
	Thickness gauge	715,00
	Metal brackets (std up to DN400)	221,00
	Calibration certificate*	443,00

Code	Description	Euro Each
	Ultrasonic Doppler Effect flow meters for full pipes Requires solids or bubbles minimum size of 100 microns, minimum concentration 75 ppm.	
DFM6 1A1A1A1A1A	<p>DFM 6.1 Doppler flow meter for full pipes with Single-Head Ultrasonic non contact sensor. Requires solids or bubbles minimum size of 100 microns, minimum concentration 75 ppm. Works on most Pipes in PVC, carbon steel, stainless steel, cast iron, fiberglass, and lined pipes... any pipe material that conducts ultrasound. Doppler signals cannot transmit through pipe walls which contain air pockets (e.g. concrete or wood), or loose pipe liners (with an air gap between the liner and pipe wall).</p> <p>Flow Rate Range: $\pm 0.1 \pm 0.03$ to 40 ft/sec (to 12.2 m/sec) in most applications Pipe Size: Any pipe from DN 12.7 mm to 4.5 m Accuracy: $\pm 2\%$ of reading or 0.1 ft/sec (0.03 m/sec) whichever is greater. Repeatability: $\pm 0.1\%$, Linearity $\pm 0.5\%$ Display: White, backlit matrix - Configuration: built-in 5-button keypad Power Input: 100-240 50-60Hz 10VA maximum. Optional: 9-32VDC, 10 Watts maximum VAC Output: Isolated 4-20mA (1000 ohm load max.) or 0-5VDC (Field Selectable) Control Relays: Qty 2, rated 5 amp , programmable flow alarm and/or proportional pulse SPDT Data Logger: Built-in 26 million point logger with output and Windows™ software USB Enclosure: watertight, dust tight 4X (66) with a clear face NEMA IP polyester polycarbonate Electronics Operating Temperature: -10° to 140°F (-23° to 60°C) Shipping Weight: 14 lbs (6.3 kg) Approvals: CE, CSA/UL/EN 61010-1 Sensor Model 4 SE (included) single-head ultrasonic with 25 ft (7.6 m) shielded cable and stainless steel mounting kit for pipes ½" (12.7 mm) or larger. Designed to withstand accidental submersion ID to 10 psi. Certified non-incendive for Class I Division 2, Groups A,B,C,D hazardous locations Sensor Operating Temperature: -40° to 300°F (-40° to 5 °C) 1 0 Exposed Materials: 316SS Supplied with PC4 Mouniting bracket for DN 15....800mm + Silicon Gel</p>	6.961,00
	Optional on request:	
	Power supply 9...32Vdc	187,00
	MODBUS RTU on RS485 or HART	608,00
	Control Relays: 4 additional (6 total) rated 5 ampere SPDT	454,00
	CXJ8106 Explotion Proof NEMA 7	3.978,00
	Enclosure Heater 15W, 115Vac	227,00
	Enclosure Heater 15W, 220Vac	227,00
	2ISB Intrinsic Safety Barriers for Sensor mounting in hazardous	1.375,00
	Sensor Cable: 50 ft. (15 m)	170,00
	Sensor Cable: 100 ft. (30 m)	349,00

Code	Description	Euro Each
	Ultrasonic Doppler Effect flow meters for full pipes Requires solids or bubbles min. size of 100 microns, min. concentration 75 ppm.	
PDFM5.1	<p>PDFM 5.1 Portable Doppler Flow Meter for full pipes with Single-Head Ultrasonic Sensor non contact sensor.</p> <p>Accuracy of $\pm 2\%$ of full scale. Linearity of $\pm 0.5\%$ and repeatability of $\pm 0.25\%$. Operate on liquids with entrained particles or gases of 100 microns or larger and minimum concentrations of 75 ppm. Operate from the outside of common pipe materials including: carbon steel, stainless steel, ductile iron, copper, PVC, FRP, ABS and other selected engineering materials.</p> <p>TRANSDUCER</p> <p>PSE4 Single-head, clamp-on for pipes with inside diameter 12.5mm to 4.5 m (1/2"180"). Stainless steel housing, waterproof. Operative temperature range -40°F (-40°C to 150°C), and withstand accidental submersion to 10 psi. 3.6 m shielded cable.</p> <p>ELECTRONICS</p> <p>Portable ABS electronics enclosure with a padded, watertight IP67 carrying case. Total weight less than 6.5 kg. Operation temperatures from -10° to 140°F (-23° to 60°C). 5-key calibration keypad. Selectable menu languages English, French and Spanish. White, backlit matrix display indicating flow in user-selected engineering units, totalized flow, units of calibration, and signal strength.</p> <p>Proportional 4-20mA output rated to maximum resistive load of 500 ohms.</p> <p>Built-in 300,000 point data logger, USB output and connecting cables. Data logger shall support time and date-stamped logging and generate formatted flow reports including total, average, minimum, maximum and times of occurrence. Include Windows software for data log retrieval, graphing and export.</p> <p>External charger with 100-240VAC 50/60Hz input, internal NiMH rechargeable battery with minimum capacity for 18 hours continuous battery operation.</p> <p>Battery status indicator with automatic low battery shut off and battery overcharge protection.</p> <p>User-selectable "sleep mode" synchronized to data logger sample rate for reduced battery power consumption.</p> <p>Include Manufacturer's recommended sensor coupling compound and adjustable stainless steel sensor mounting clamp up to 80cm diameter.</p>	11.650,00

Code	Description	Euro Each
	Area Velocity Flow Meters for open channels without restriction or partially filled pipes	
AVFM6 1A1A1A1A1A	AVFM 6.1 Area-Velocity Flow Monitor Ultrasonic, area-velocity flow monitor for indicating, transmitting, totalizing, and logging of the flow rate through partially filled or surcharged round pipes, and rectangular, trapezoidal, egg or irregular shaped open channels. Consist of a submersible ultrasonic sensor and remote enclosure with indicating, logging, totalizing, transmitting and controlling electronics. System shall have no moving parts. Requires solids or bubbles minimum size of 100 microns, minimum concentration 75ppm. QZ02L TRANSDUCER (SENSORS) Ultrasonic Doppler sensor for continuous submersion up to 4.57 meters. 316 stainless steel and epoxy resin body. Operating temperature -15°.....80°C. Include stainless steel sensor mounting bracket. Cable length 7.6 m Measuring range: Speedy from 0.03....6.2 m/sec and reverse flow to -1.5 m/sec. accuracy ±2% of reading or ±12,2mm/sec, whichever is greater liquid level from 25.4 mm to 4.57 m. accuracy ±0.25% of reading or ± 2mm, whichever is greater. Repeatability & Linearity 0.5%. D. TRANSMITTER Built-in 5-key calibration. White, backlit matrix LCD display. Selection and automatic conversion of measurement units, measurement span, high/low flow alarm relay and flow proportional relay pulse rates. Programmable damping of both the level and velocity to smooth output in turbulent flow conditions. Operating temperature -20.....60°C). Thermostat-controlled enclosure heater for ondensation protection below 30°F (-1°C). Three isolated 4-20mA outputs rated for 1000 ohm maximum load 0-5VDC alternative. To be configured to transmit level, velocity and flow. Two relay contacts rated 5 amp SPDT programmable for flow proportionate pulse to a remote totalizer or sampler, high or low flow alarm, velocity and/or level alarm, Built-in 26 million point data logger with USB output to flash drives or mass storage devices. Wall-mount, watertight NEMA4X (IP66) enclosure with hinged, clear cover. Power supply 100-240VAC 50-60Hz power consumption 10VA or less.	10.004,00
	Optional on request:	
	Power supply 9...32Vdc	237,00
	CXJ8106 Explosion Proof NEMA 7	4.030,00
	Enclosure Heater 15W, 115Vac	228,00
	Enclosure Heater 15W, 220Vac	228,00
	QZ02L-B Immersible velocity sensor + separated PZ15-LP level sensor	768,00
	Sensor Cable: tri coaxyal 15 m	225,00
	Sensor Cable: 30 m	824,00
	MODBUS RTU on RS 485- or HART	629,00
	Control Relays: 4 additional (6 total) rated 5 ampere SPDT	464,00
	Stainless steel mounting band for specified pipe diameter from 6" to 72" (150 to 1800 mm).	on request

Code	Description	Euro Each
	Area Velocity Flow Meters for open channels without restriction or partially filled pipes	
STINGRAY2.0	<p>Stingray 2.0 Portable Area-Velocity Flow Measurement in Open Channels and Pipes. No calibration is required. The sensor is a completely sealed ultrasonic unit with no orifices or ports. It mounts inside the pipe or at the bottom of a channel. The watertight electronics enclosure is hung in the manhole or at a convenient location. Sensor mounting bracket, batteries, software and cables are included with each Stingray. Electronics Enclosure: Watertight, airtight, dust proof (IP 67) polycarbonate Accuracy: Level: $\pm 0.25\%$ of Level. Velocity: $\pm 2\%$ of Reading Display: LCD displays: Level, Velocity, Water Temperature, Battery and Memory capacity Operating Temp. (electronics): -4° to 140°F (-20° to 60°C) Instrument Set-up: via dedicated software for Windows: Logging Time Interval, Site Name Logger Interval: 10 sec (15 days), 30 sec (45 days), 1 min (3 months), 2 min (6 months), 5 min (1 year), 10 min (2 years), 20 min (4 years) Data Logger Capacity: 130,000 data points Power: 4 Alkaline 'D' cells Output/Communications: USB Cable: 10 ft (3 m) shielded Software: Logger for Windows. Supports real-time monitoring, log file download and export, graph and data table presentation, level/velocity to flow conversion Approximate Shipping Weight: 10 lbs. (4.5 kg) QZ02 Sensor Velocity Measurement Range: 0.1 to 12.5 ft/sec (0.03 to 3.8 m/sec) Level Measurement Range: Minimum / Maximum Head: 1 in (25.4 mm).....15 ft. (4.5 m) Operating Temperature: 5 to 150°F (-15 to 65°C) Exposed Materials: PVC, polyurethane, epoxy Sensor Cable: 25 ft. (7.6 m) submersible polyurethane jacket, shielded, 3-coaxial Sensor Mounting: includes MB-QZ stainless steel mounting bracket Temperature Compensation: Automatic, continuous</p>	10.836,00
	Optional on request:	
	Stainless steel mounting band for specified pipe diameter from 6" to 72" (150 to 1800 mm).	on request

Code	Description	Euro Each
4204 Level meter with Ultrasonic sensor		
9710619110	4204/L/U Level/Differential level** Meter for ultrasonic probes Measurement ranges Level: 0.30 - 5.00/0.40 - 8.00/ 0.70 - 12.00mt according to the connected probe. Resolution: ± 0.01 mt. Accuracy: $\pm 0.2\%$ F.S. Temperature measurement range:-25 / +75.0 °C Resolution:1°C Accuracy:1% F.S: 6 key programming keyboard. Graphic display. Inside data logger (flash 4 Mbit) Hardware technical characteristics: Graphic Display LCD STN 128x64 backlighted N°. 2 analogue outputs 0/4+20mA 500mW galvanically isolated – (measurement + programmable auxiliary equipment). N°. 5 Set Point outputs – Exchange Relay (max. load 1A a 230Vac resistive) N°.1 cumulative output for alarm – Exchange Relay (max. load 1A a 230Vac resistive) Nr.1 RS 485 serial output native MODBUS RTU protocol Nr 5 digital inputs 24V dc/ac Power supply 90-260Vac 50-60Hz. (Optional 24Vac/dc) Average absorption< 12W ABS container for wall assembly IP 65. Dim. mm. 144x144x122,5 (d) Weight K..0.9 ** Differential level by using a second sensor. With a second sensor a second level can be measured too	1.175,00
Optional for 4204 Controller		
9400970001	Internal Supply board 24V ac/dc	146,00
8700401400	Data downloading Software (through RS485 port)	222,00
9800440011	RS485 - USB converter	196,00
Ultrasonic Transducer IP 67 with connector for cable		
9700926097	S425C/5 Thermocompensated Ultrasonic Transducer measuring range 0,3.....5 m Accuracy: $\pm 0.2\%$ absolute anytime not better than ± 2 mm Resolution: 1 mm Working temperature – 10...+ 75°C Pressure: from 0,5 to 1,5bar (absolute) Temperature compensation: -10... +75°C Dimension mm. (Ø x H) 80 x 157 Material: PVDF Process connection: 1"and 1,5"G.M. Mechanical protection IP67 Threaded connector for cable 10m. shielded cable with connector	767,00
9700920097	S425C/5 Thermocompensated Ultrasonic Transducer without cable	686,00
6005001631	S425/K/12 Thermocompensated Ultrasonic Transducer measuring range 0,5.....12 m Accuracy: $\pm 0.2\%$ absolute (of the measured distance) anytime not better than ± 3 mm Resolution: ± 1 mm Working temperature – 25...+ 75°C Pressure: from 0,5 to 1,5bar (absolute) Temperature compensation: -10... +75°C Dimension mm. (Ø x H) 108 x 162 Material: Polypropylene (PP) Process connection: 1" G Mechanical protection IP68 Threaded connector for cable 10m. shielded cable with connector	921,00
6005001601	S425/K/12 Thermocompensated Ultrasonic Transducer without cable	843,00
9400400019	10m Extending cable with connectors for digital sensors (for S425/c only)	97,00
9400400020	20m Extending cable with connectors for digital sensors (for S425/c only)	130,00
9400400021	50m Extending cable with connectors for digital sensors (for S425/c only)	232,00
1620100601	Multipin cable for Digital sensors- Each meter	8,00
Ultrasonic Transducer IP 68 with integral cable		
9700928097	S425C/5 Thermocompensated Ultrasonic Transducer measuring range 0,3.....5 mt. Accuracy: $\pm 0.2\%$ absolute anytime not better than ± 2 mm Resolution: 1 mm Working temperature – 10...+ 75°C Pressure: from 0,5 to 1,5bar (absolute) Temperature compensation: -10... +75°C Dimension mm. (Ø x H) 80 x 157 Material: PVDF Process connection: 1"and 1,5"G.M. Mechanical protection IP68 with integral cable 10m. with connector	833,00

Code	Description	Euro Each
4204 Level meter with Hydrostatic or pressure Sensor		
9710619210	4204/L/P Level Meter Unit for Hydrostatic/Pressure sensor Measuring range: 0.00 ÷ 100mt/bar. In accordance with the meas.ange of the sensor Resolution: ± 0.01mt. Accuracy: ± 0.2% F.S. Temperature measurement range:-25 / +75.0 °C Resolution:1°C Accuracy:1% F.S: 6 key programming keyboard. Graphic display. Inside data logger (flash 4 Mbit) Hardware technical characteristics: Graphic Display LCD STN 128x64 backlighted N°. 2 analogue outputs 0/4÷20mA 500mW galvanically isolated – (measurement + programmable auxiliary equipment). N°. 5 Set Point outputs – Exchange Relay (max. load 1A a 230Vac resistive) N°.1 cumulative output for alarm – Exchange Relay (max. load 1A a 230Vac resistive) Nr.1 RS 485 serial output native MODBUS RTU protocol Nr 5 digital inputs 24V dc/ac Power supply 90-260Vac 50-60Hz. (Optional 24Vac/dc) Average absorption< 12W ABS container for wall assembly IP 65. Dim. mm. 144x144x122,5 (d) Weight Kg. 0,9	1.212,00
Hydrostatic Level Sensor		
KPL	Piezometric level Sensor for Clean water Head connection mechanical protection: IP65 Probe mechanical protection: IP68 Cable material: PE Operation temperature: -20° ÷ +70°C (default) Power supply: 24Vdc Wire-loop connection (2-wire) Output signal: 4÷20mA (min.0,5mA, max. 30mA) "zero" andl "full-scale" adjustment: ±3%	355,00
Version		
C	Cable type ø 27 mm (5m standard); with aluminum IP67 connection head - Price each additional meter 7 eur	87,00
D	Suspension type ø 27 mm (5m standard cable); without connection head - IP68 - Price each additional meter 7 eur	0,00
E	Cable type ø 16 mm (5m standard); with aluminum IP67 connection head - Price each additional meter 7 eur	250,00
G	Rod type ø 27 mm (1m standard rod) AISI 304 SS semi flexible ø 8mm; with aluminum IP67 connection head - Price each additional meter 22 euro	122,00
H	Rod type ø 27 mm without connection head - Accuracy 0,2% Price each additional meter 7 euro	40,00
R	With extension tube in AISI304 SS ø 8mm (max 3 m), complete of aluminum IP67 connection head - Supplied with 1 m standard tube – price each additional meter 52,00 eur	122,00
Certification		
M	For use in drinking water	55,00
N	None	0,00
Process connection		
N	None	0,00
P	Male Thread G 1" ½ / PP	0,00
T	Male Thread G 1" /AISI304	0,00
Sealed material		
F	FPM (Viton)	0,00
S	AISI 316 totally welded - Necessary for version E and F	0,00
Accessories		
A	None	0,00
G	Fastener for wall fixing (for D version)	53,00
M	Scroll coupling with threaded connection 1" ½ G	65,00
N	nipple adapter for connection ½ G Male	44,00

Code	Description	Euro Each
Measure range		
G03	0 ÷ 10KPa (0 ÷ 0,1bar / 0 ÷ 1m H ² O) gauge p.	0,00
G04	0 ÷ 16KPa (0 ÷ 0,16bar / 0 ÷ 1,6m H ² O) gauge p.	0,00
G05	0 ÷ 20KPa (0 ÷ 0,2bar / 0 ÷ 2m H ² O) gauge p.	0,00
G06	0 ÷ 25KPa (0 ÷ 0,25bar / 0 ÷ 2,5m H ² O) gauge p.	0,00
G07	0 ÷ 30KPa (0 ÷ 0,3bar / 0 ÷ 3m H ² O) gauge p.	0,00
G08	0 ÷ 35KPa (0 ÷ 0,35bar / 0 ÷ 3,5m H ² O)	0,00
G09	0 ÷ 40KPa (0 ÷ 0,4bar / 0 ÷ 4m H ² O) gauge p.	0,00
G10	0 ÷ 60KPa (0 ÷ 0,6bar / 0 ÷ 6m H ² O) gauge p.	0,00
G11	0 ÷ 100KPa (0 ÷ 1bar / 0 ÷ 10m H ² O) gauge p.	0,00
G12	0 ÷ 160KPa (0 ÷ 1,6bar / 0 ÷ 16m H ² O) gauge p.	0,00
G13	0 ÷ 200KPa (0 ÷ 2bar / 0 ÷ 20m H ² O) gauge p.	0,00
G14	0 ÷ 250KPa (0 ÷ 2,5bar / 0 ÷ 25m H ² O) gauge p.	0,00
G15	0 ÷ 400KPa (0 ÷ 4bar / 0 ÷ 40m H ² O) gauge p.	0,00
G16	0 ÷ 600KPa (0 ÷ 7bar / 0 ÷ 70m H ² O) gauge p.	0,00
G17	0 ÷ 1,0MPa (0 ÷ 10bar / 0 ÷ 100m H ² O) gauge p.	0,00
G18	0 ÷ 2,0MPa (0 ÷ 20bar / 0 ÷ 200m H ² O) gauge p.	0,00
KWL	Piezometric head level transmitter for wastewater Accuracy: ±0.5%F.S Capacitive sensor - Golden ceramic membrane - PVC body Ø 46 mm Cable material: PU Ø 7,5mm. Viton Gasket Operation temperature: -10° ÷ +50°C Power supply:12...30Vdc Output signal: 4÷20mA	637,00
Version		
A	Standard - suspended without connection head - IP68	0,00
C	With cable extension complete with connection aluminum head IP67. Connection 2 "G in PP	82,00
G	Suspended without connection head - IP68 complete with mounting clamp.	53,00
Z	Special	0,00
Measure range		
402	0 ÷ 0,4m H ₂ O gauge p.	0,00
103	0 ÷ 1m H ₂ O gauge p.	0,00
203	0 ÷ 2m H ₂ O gauge p.	0,00
503	0 ÷ 5m H ₂ O gauge p.	0,00
104	0 ÷ 10m H ₂ O gauge p.	0,00
204	0 ÷ 20m H ₂ O gauge p.	0,00
504	0 ÷ 50m H ₂ O gauge p.	0,00
105	0 ÷ 100m H ₂ O gauge p.	0,00
205	0 ÷ 200m H ₂ O gauge p.	0,00
Cable length		
502	5 m	0,00
103	10 m	51,00
153	15 m	76,00
203	20 m	98,00
253	25 m	126,00
303	30 m	151,00
353	35 m	177,00
403	40 m	201,00

Code	Description	Euro Each
METER Ultrasonic Level transmitter		
METER	Ultrasonic Level transmitter Ultrasonic - 4÷20mA output. Housing with Anti-condensation filter (not for ATEX version) G 2" / PP or PVDF threaded connection + 2" locking ring (not ofor PVDF version) Setting by keyboard/graphic LCD display detachable module (optional) Temperature range : -30° ÷ +70°C (80° non continuous)	604,00
Version		
-	2 wire, range 6m, HART, ATEX II 1/2G Ex ia II C T6 Tamb -20÷+60°C	277,00
0	2 wire, range 10m, HART, ATEX II 1/2G Ex ia II C T6 Tamb -20÷+60°C	366,00
1	2-wire, range 6m	0,00
2	2-wire, range 6m, HART	112,00
3	2-wire, range 6m, ATEX II 1/2G Ex ia II C T6 Tamb -20÷+60°C	166,00
4	4-wire, 2 relays, range 6m, MODBUS	126,00
5	2-wire, range 10m	90,00
6	2-wire, range 10m, ATEX II 1/2G Ex ia II C T6 Tamb -20÷+60°C	256,00
7	2-wire, range 10m, HART	200,00
8	4-wire, 2 realys, range 10m, MODBUS	215,00
9	Special	
Housing / Sensor materials		
F	PC with transparent cap, IP67 / PP	0,00
L	PC with blind cap, IP67 / PP	0,00
P	PC with transparent cap, IP67 / PVDF	83,00
R	PC with blind cap, IP67 / PVDF	83,00
S	Aluminum with transparent cap, IP67 / PP	103,00
U	Aluminum with transparent cap, IP67 / PVDFR (essential for ATEX versions)	184,00
Z	Special	
Power supply		
4	24Vdc (20÷30Vdc)	0,00
5	12Vdc (max 20Vdc) - only for version 1 and 5	73,00
9	Special	
Optional		
A	None	0,00
B	Bluetooth - 4 wire version only	70,00
C	DN80 PN6 UNI 1092-1/PP flange	70,00
D	VL601 keyboard/display programming module	112,00
P	PP Sensor extension for total insertion 250mm (not available with PVDF body)	155,00
S	Software for MODBUS communication	211,00
Z	Special	
Ultrasonic Level transmitter IP68 available on request		

Code	Description	Euro Each
RPL55 Radar level transmitter with threaded connection		
RPL55	Radar level transmitter with threaded connection Micro-waves pulse 26GHz group K For storage or process applications Max distance: 10m Accuracy: ±5mm Process pressure: -1÷3bar	2.185,00
Version		
I	ATEX II 1G/D Ex ia IIC T6...3 Ga/Ex ia IIIC T76°C...T146°C Da - only with Housing G and electronic B	118,00
P	Standard	0,00
Antenna shape / Material/Process Temperature		
B	Mono-pole / PVDF/-40° ÷ 130°C	0,00
Process connection / Material		
GP	Thread G 1"½ / PVDF	0,00
ZZ	Special	
Non sensitive part (for nozzle mounting)		
A	100 mm	0,00
B	200 mm	137,00
Electronic preamplifier		
A	none	
B	4÷20mA HART (2-wire); 24Vdc necessary for ATEX version	0,00
C	4÷20mA HART (4-wire); 24Vdc	70,00
D	4÷20mA HART (4-wire); 230Vac	70,00
R	10...30Vdc MODBUS RTU	70,00
67		
D	Aluminum 2 chambers (for 4-wire versions) / IP67 / IP67	70,00
G	SS 316L / IP67/ IP67 necessary for ATEX version	156,00
U	Aluminum with transparent cap / IP67 / IP67	0,00
Z	Special	
Cable entry		
M	M20x1,5	0,00
Keyboard/display programming module VL602		
A	Yes	116,00
X	No	0,00

Code	Description	Euro Each
RDR75	Radar level transmitter with threaded connection Micro-waves pulse 80GHz for continuous measurement Max distance: 20m liquids - 10 solids 2 keys settings; 4÷20mA output - 2 configurable relays Connection 2"GAS M/PP + 2 ring 2"/PP	891,00
	Version	
8	4 wire, range 20m, 2 relays, MODBUS	103,00
9	Special	
	Housing material	
F	PC with transparent cover	0,00
L	PC with blind cover	0,00
S	Aluminium with transparent cover	83,00
Z	Special	
	Power supply	
4	24Vdc	0,00
9	Special	
	Accessories	
A	None	0,00
B	BLUETOOTH	89,00
C	DN80 PN6 UNI 1092-1 flange in PP (600J001T)	
D	VL601 keyboard/display programming module	114,00
S	S/W for MODBUS communication (010F105A)	225,00

RDR81	Radar level transmitter with threaded connection IP67 protection Compact unit for level measurement of liquids FMCW Micro-waves for continuous measurement Max distance: 20m liquids - 10m solids Removable keyboard/display for settings; 4÷20mA output - 2 configurable relays Connection 2"GAS M/PP + 1 ring 2"/PP	835,00
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	Version	
1	IP67	0,00
2	IP68	142,00
3	IP68 - fixed cable 5m - Bluetooth or Modbus settings	192,00
	Housing material	
B	Polypropylene (PP)	0,00
Z	Special	
	Power supply	
4	24Vdc	0,00
5	12Vdc	23,00
	Accessories	
A	None	0,00
B	BLUETOOTH	89,00
C	DN80 PN6 UNI 1092-1 flange in PP (600J001T)	75,00
D	VL620 keyboard/display programming module with 1,8 m cable	154,00
E	PP Mounting bracket	71,00
D	VL620 keyboard/display programming module with 1,8 m cable for version 2 (IP68)	154,00
S	S/W for MODBUS communication (010F105A)	225,00
T	Couple of 5m cables with IP68 female connector (for versions 2)	60,00
U	Couple of 10m cables with IP68 female connector (for versions 2)	91,00
V	Couple of 15m cables with IP68 female connector (for versions 2)	136,00
W	Couple of 20m cables with IP68 female connector (for versions 2)	184,00

Code	Description	Euro Each
KPT Pressure transmitter		
KPT	KPT Pressure transmitter Mechanical protection: IP65 Operation temperature: -30° ÷ 120°C (default) Power supply: 12...24Vdc Wire-loop connection (2-wire) Output signal: 4÷20mA	264,00
Version		
D	With threaded connection	0,00
E	with faced membrane (only with process connection 3-4-7)	134,00
S	With sterile connection	51,00
Z	Special	
Measure range		
B1	0 ÷ 10KPa (0 ÷ 0,1bar) gauge p.	25,00
C1	0 ÷ 25KPa (0 ÷ 0,25bar) gauge p.	0,00
C2	0 ÷ 40KPa (0 ÷ 0,4bar) gauge p.	0,00
C3	0 ÷ 60KPa (0 ÷ 0,6bar) gauge p.	0,00
D1	0 ÷ 100KPa (0 ÷ 1bar) gauge p.	0,00
D2	0 ÷ 160KPa (0 ÷ 1,6bar) gauge p.	0,00
D3	0 ÷ 250KPa (0 ÷ 2,5bar) gauge p.	0,00
F1	0 ÷ 400KPa (0 ÷ 4bar) gauge p.	0,00
F2	0 ÷ 600KPa (0 ÷ 6bar) gauge p.	0,00
F3	0 ÷ 1,0 MPa (0 ÷ 10bar) gauge p.	0,00
F4	0 ÷ 1,6 MPa (0 ÷ 16bar) gauge p.	0,00
F5	0 ÷ 2,5 MPa (0 ÷ 25bar) gauge p.	0,00
F6	0 ÷ 3,0 MPa (0 ÷ 30bar) gauge p.	0,00
F7	0 ÷ 4,0MPa (0 ÷ 40bar) gauge p. – not for sanitary version	0,00
G1	0 ÷ 6,0MPa (0 ÷ 60bar) gauge p. – not for sanitary version	46,00
G2	0 ÷ 10MPa (0 ÷ 100bar) gauge p. – not for sanitary version	46,00
H1	0 ÷ 16MPa (0 ÷ 160bar) gauge p. – not for sanitary version	46,00
H2	0 ÷ 25MPa (0 ÷ 250bar) gauge p. – not for sanitary version	46,00
H3	0 ÷ 40MPa (0 ÷ 400bar) gauge p. – not for sanitary version	46,00
SG	Special gauge	0,00
B2	-100KPa ÷ 0KPa (-0,1 ÷ 0bar) gauge p.	0,00
C5	-100KPa ÷ 0KPa (-0,1 ÷ 0bar) gauge p.	0,00
D4	-100KPa ÷ +60KPa (-1 ÷ 0,6bar) gauge p.	0,00
D5	-100KPa ÷ +160KPa (-1 ÷ 1,6bar) gauge p.	0,00
F8	-100KPa ÷ +300KPa (-1 ÷ 3bar) gauge p.	0,00
F9	-100KPa ÷ +500KPa (-1 ÷ 5bar) gauge p.	0,00
FA	-100KPa ÷ +900KPa (-1 ÷ 9bar) gauge p.	0,00
FB	-100KPa ÷ 1,5MPa (-1 ÷ 15bar) gauge p.	0,00
FC	-100KPa ÷ +2,4MPa (-1 ÷ 24bar) gauge p.	0,00
FD	-100KPa ÷ +2,9MPa (-1 ÷ 29bar) gauge p.	0,00
FE	-100KPa ÷ +3,9MPa (-1 ÷ 39bar) gauge p. – not for sanitary version	0,00
M1	0 ÷ 100KPa (0 ÷ 1bar) absolute p.	57,00
M2	0 ÷ 160KPa (0 ÷ 1,6bar) absolute p.	57,00
M3	0 ÷ 250KPa (0 ÷ 2,5bar) absolute p.	57,00
O1	0 ÷ 400KPa (0 ÷ 4bar) absolute p.	57,00
O2	0 ÷ 600KPa (0 ÷ 6bar) absolute p.	57,00
O3	0 ÷ 1,0MPa (0 ÷ 10bar) absolute p.	57,00
O4	0 ÷ 1,6MPa (0 ÷ 16bar) absolute p.	57,00
O5	0 ÷ 2,5MPa (0 ÷ 25bar) absolute p.	57,00
SA	Special absolute	

Code	Description	Euro Each
Membrane material		
A	AISI316L / siliconic oil	0,00
X	AISI316L / vegetable oil	67,00
Z	Special	
Process connection		
0	Special	
1	AISI316 Thread ½ NPT Female	0,00
2	AISI316 Thread ½ NPT Male (internal ¼ NPT Female)	0,00
3	AISI 316 M20 X 1,5 Male	0,00
4	AISI316 Thread ½ G Male	0,00
5	AISI316 Empty connection ISO 2861 (max 2,5bar)	19,00
6	AISI316 Thread ¼ " NPT Male	19,00
7	AISI316 Thread 1" G Male (Only for E Verson)	28,00
A	Sanitary CLAMP DIN 32676 DN25 / ISO 2852 DN25 (max 30bar)	113,00
B	Sanitary CLAMPDIN 32676 DN40 / ISO 2852 DN38 (max 30bar)	113,00
C	Sanitary CLAMP DIN 32676 DN50 / ISO 2852 DN51 – only for ranges B - C – D – M	149,00
Accessories		
0	None	0,00
X	LCD Display	86,00
Y	LCD Display with 2 alarm theresold	136,00
CPT Capacitive pressure transmitters		
CPT	Capacitive pressure transmitters Ceramic Membrane Mechanical protection: IP65 Operation temperature: -40° ÷ +85°C (default) Power supply: 24Vdc (2-wires) Output signal: 4÷20mA;	690,00
Version		
1	Standard (DIN43650)	0,00
Range		
A	0 ÷ 5 KPa (0 ÷ 50 mbar) - Max overload 4 bar	80,00
B	0 ÷ 10 KPa (0 ÷ 100 mbar) - Max overload 4 bar	0,00
C	0 ÷ 20 KPa (0 ÷ 200 mbar) - Max overload 6 bar	0,00
D	0 ÷ 40 KPa (0 ÷ 400 mbar) - Max sovraccarico 6 bar	0,00
E	0 ÷ 100 KPa (0 ÷ 1bar) - Max overload 10 bar	0,00
F	0 ÷ 200 KPa (0 ÷ 2 bar) - Max overload 15 bar	0,00
G	0 ÷ 400 KPa (0 ÷ 4 bar) - Max overload 25 bar	0,00
H	0 ÷ 1 MPa (0 ÷ 10 bar) - Max overload 40 bar	0,00
I	0 ÷ 2 MPa (0 ÷ 20 bar) - Max overload 40 bar	0,00
L	0 ÷ 4 MPa (0 ÷ 40 bar) - Max overload 60 bar	0,00
Output		
1	4 ÷ 20mA 2 fili - 12÷30Vdc	0,00
2	4 ÷ 20mA + HART 2 fili - 16,5÷55Vdc	80,00
Process connection		
A	Thread G ½ Male hole ø 8 mm / AISI316	32,00
B	Thread G ½ Male faced membrane / AISI316	73,00
Accessories		
0	None	0,00
1	LCD display	86,00
9	Special	

Code	Description	Euro Each
SPT Pressure transmitter		
SPT	Pressure transmitter HART Communication Mechanical protection: IP67 Power supply: 24Vdc Wire-loop connection (2-wires) Output signal: 4÷20mA HART Operation temperature: -40° ÷ +80°C (default)	601,00
Accuracy		
H	±0,075%	0,00
Measure range		
B	0 – 0,6kPa ÷ 6kPa (0 - 6 ÷ 60mbar) gauge p./ Max overload 0,2bar	113,00
C	0 – 2kPa ÷ 40kPa (0 - 20 ÷ 400mbar) gauge p./ Max overload 10bar	55,00
D	0 – 2,5kPa ÷ 250kPa (0 - 25 ÷ 2500mbar) gauge p./ Max overload 40bar	0,00
F	0 – 30kPa ÷ 3MPa (0 – 0,3 ÷ 30bar) gauge p./ Max overload 150bar	0,00
G	0 – 0,1MPa ÷ 10MPa (0 - 1 ÷ 100bar) gauge p./ Max overload 200bar	0,00
H	0 – 0,21MPa ÷ 21MPa (0 – 2,1 ÷ 210bar) gauge p./ overload 500bar	0,00
I	0 – 0,4MPa ÷ 40MPa (0 - 4 ÷ 400bar) gauge p./ Max overload 500bar	55,00
J	0 – 0,6MPa ÷ 60MPa (0 - 6 ÷ 600bar) gauge p./ Max overload 700bar	113,00
L	0 – 2kPa ÷ 40kPa (0 - 20 ÷ 400mbar) absolute p./ Max overload 10bar	55,00
M	0 – 2,5kPa ÷ 250kPa (0 - 25 ÷ 2500mbar) absolute p./ Max overload 40bar	0,00
O	0 – 30kPa ÷ 3MPa (0 – 0,3 ÷ 30bar) absolute p./ Max overload 150bar	0,00
Housing/Membrane material/filling liquid		
A	Aluminium/ AISI316L / silonic oil	0,00
B	Aluminium/AISI316L / fluorinated oil	113,00
C	Aluminium/Hastelloy C / silonic oil	29,00
D	Aluminium/Hastelloy C / fluorinated oil	141,00
E	AISI316L/ AISI316L / silonic oil	491,00
F	AISI316L/ AISI316L / fluorinated oil	603,00
G	AISI316L/Hastelloy C / silonic oil	520,00
G	AISI316L/Hastelloy C / fluorinated oil	631,00
	with AISI housing on request	
Process connection		
1	AISI316 Thread ½" NPT Female	28,00
2	AISI316 Thread ½" NPT Male (internal ¼" NPT Female)	28,00
3	AISI316 20 x 1,5 male	28,00
4	AISI316 Male Thread ½" G	0,00
5	AISI316 Empty connection ISO 2861 (max 2,5 bar)	28,00
6	AISI316 Thread ¼ " NPT Male	28,00
9	Special	
Special Functions		
N	None	0,00
O	degreasing for measurement in oxygen (only with fluorinated oil)	25,00
P	Line noise filter	90,00
Mounting Bracket		
1	AISI304	25,00
2	Galvanized carbon steel	16,00
N	None	
Display		
2	Backlit LCD	58,00
N	None	0,00
Certification		
A	Intrinsically safe ATEX II 1/2G Ex ia IIC T4 Ga/Gb	67,00
D	Explosion proof ATEX II 2 G D Ex db IIC 14/15/16 Gb Ex tb IIIC 180°C/190°C/1130°C - Ta= -40...+60°C	90,00
N	Nessuna	0,00

Code	Description	Euro Each
	SDT "General purpose" differential pressure transmitter	
SDT	SDT "General purpose" differential pressure transmitter. IP67. Power supply: 12÷42Vdc 4...20mA HART Communication Operation temperature: -40° ÷ +85°C Accuracy ±0,075% Standard connection NPT 1/4"	1056,00
Accuracy		
7	±0.075% (for range A ± 0,1%)	0,00
Measure range		
A	0 – 100Pa ÷ 1kPa (0 – 1 ÷ 10mbar) (0-10 ÷ 100 mmH ² O)	268,00
B	0 – 200Pa ÷ 6kPa (0 – 2 ÷ 60mbar) (0-20 ÷ 600 mmH ² O)	32,00
C	0 – 400Pa ÷ 40kPa (0 – 4 ÷ 400mbar) (0-40 ÷ 4000 mmH ² O)	0,00
D	0 – 2,5 kPa ÷ 250kPa (0 – 25 ÷ 2500mbar) (0-0,25 ÷ 25 mH ² O)	0,00
E	0 – 20kPa ÷ 2MPa (0 – 0,2 ÷ 20bar) (0-2 ÷ 200 mH ² O)	0,00
Membrane material		
A	AISI316L / silonic oil	0,00
B	AISI316L / fluorinated oil	113,00
C	Hastelloy C / silonic oil	29,00
D	Hastelloy C / fluorinated oil	141,00
E	AISI316L platinated gold / silonic oil	268,00
F	AISI316L platinated gold / fluorinated oil	380,00
G	AISI316L platinated EFP / silonic oil	180,00
H	AISI316L / AISI316L / silonic oil	491,00
T	Tantalium / silonic oil	224,00
Working pressure		
1	16MPa	0,00
2	25MPa	46,00
3	40Mpa	90,00
Connection Process		
B	AISI316 thread ¼ " – 18 NPT Female with rear purge valve	0,00
D	AISI316 thread ¼ " – 18 NPT Female with side low position purge valve	0,00
N	AISI316 thread ¼ " – 18 NPT Female without purge valve	0,00
U	AISI316 thread ¼ " – 18 NPT Female with side high position purge valve	0,00
Sealed material		
F	Viton (FKM)	0,00
N	Nitrilic Rubber (NBR)	0,00
P	Teflon (PTFE)	0,00
Special Functions		
N	None	0,00
O	degreasing for measurement in oxygen (only with fluorinated oil, Viton sealing)	24,00
P	Line noise filter	87,00
Mounting Bracket		
1	AISI304	25,00
2	Carbon steel galvanized	16,00
N	None	0,00
Accessories Connection Process		
1	AISI316 oval flange ½ " NPT Female	25,00
2	AISI316 flange for m20x1.5 Male + connectot to be salded	25,00
N	None	0,00
Display		
2	Backlit LCD	58,00
N	None	0,00
A	Intrinsically safe ATEX II1/2G Ex ia IIC T4 Ga/Gb	70,00
D	Expolsion proof ATEX II 2 G D Ex db IIC T4/T5/T6 Gb Ex tb IIIC T80°C/T90°C/T130°C - Ta= -40...+60°C	93,00