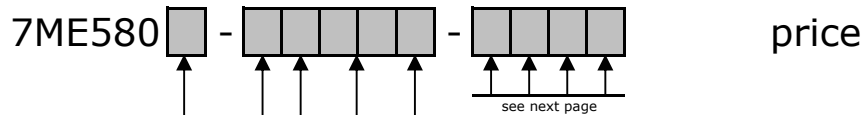


FVA Troglux Variable area meter Plastic flow tube



Flow tube material

Trogamid	1	- €
Polysulfone	6	11,00 €

Gasket material

Perbunan (Standard)	1	- €
Viton	4	6,00 €
EPDM	8	11,00 €

Flow tube size

C 125	A	71,00 €
C 315	B	71,00 €
D 650	C	86,00 €
D 1000	D	86,00 €
D 1600	E	86,00 €
D 2500	F	86,00 €
E 4000	G	123,00 €
E 6500	H	123,00 €
F 10000	J	123,00 €
G 16000	K	123,00 €
H 20000	L	123,00 €
J 25000	M	123,00 €

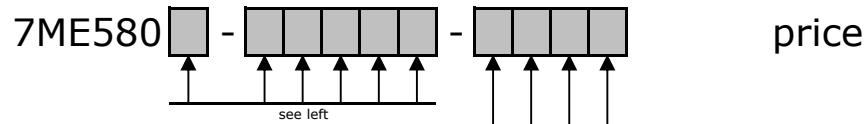
Float/material

Flow tube size C/mat.No. 1.4305/303	C 1	8,00 €
Flow tube size C/mat.No. 1.4571/316Ti	C 2	23,00 €
Flow tube size C/PVC, weighted	C 3	45,00 €
Flow tube size C/ mat.No. 1.4571/SV/316Ti	C 4	55,00 €
Flow tube size C/Aluminium 3.1645	C 5	7,00 €
Flow tube size C/PVC, non-weighted	C 6	18,00 €
Flow tube size D/mat.No. 1.4305/303	D 1	16,00 €
Flow tube size D/mat.No. 1.4571/316Ti	D 2	28,00 €
Flow tube size D/PVC, weighted	D 3	57,00 €
Flow tube size D/ mat.No. 1.4571/SV/316Ti	D 4	59,00 €
Flow tube size D/Aluminium 3.1645	D 5	10,00 €
Flow tube size D/PVC, non-weighted	D 6	21,00 €
Flow tube size E-F/mat.No. 1.4305/303	E 1	36,00 €
Flow tube size E-J/mat.No. 1.4571/316Ti	E 2	62,00 €
Flow tube size E-G/PVC, weighted	E 3	73,00 €
Flow tube size E-F/ mat.No. 1.4571/SV/316Ti	E 4	81,00 €
Flow tube size E-J/Aluminium 3.1645	E 5	24,00 €
Flow tube size E-F/PVC, non-weighted	E 6	41,00 €
Flow tube size G-J/PVC, non-weighted	E 7	49,00 €

Connection material

PVC (standard, only for plastic tubes)	1	- €
Cast iron (only with G1/2, 1, 2)	2	- €
Steel, mat.No.1.0254 (not with G1/2, 1, 2)	3	11,00 €
Stainless steel, mat.No.1.4571/316Ti	4	65,00 €

FVA Troglux Variable area meter Plastic flow tube



Connection type

Adhesive bushing (only PVC)	1	- €
Female thread DIN ISO 228	2	- €
Female thread (NPT)	3	- €

Connection size

adhesive bushing	A	- €
female thread G1/4	B	29,00 €
female thread G3/8	C	29,00 €
female thread G1/2	D	- €
female thread G3/4	E	29,00 €
female thread G1	F	- €
female thread G1 1/4	G	49,00 €
female thread G1 1/2	H	49,00 €
female thread G2	J	- €

Contacts (only with magnetic float)

Without contact	A	- €
Contact K18/A (closes when limit is fallen below)	C	52,00 €
Contact K18/B (closes when limit is exceeded)	D	52,00 €
2 contacts K18/A	E	105,00 €
2 contacts K18/B	F	105,00 €
per 1 contact K18/A and K18/B	G	

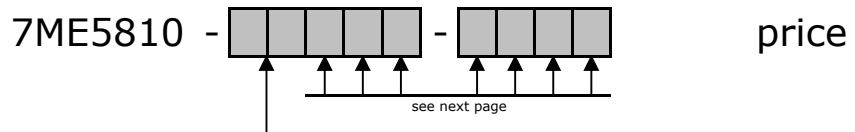
Float version

Standard	0	- €
With magnet	1	26,00 €
Guided	2	16,00 €

Further designs

With calibration certificate	B06	- €
Measured medium	Y01	43,00 €
Silicone-free version	Y04	32,00 €
Water as measured medium	Y05	- €
Special version	Y99	- €

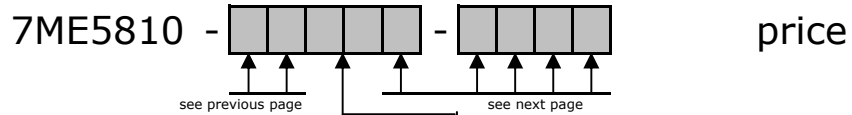
**FVA Tubux variable area meter
Glass flow tube**



Flow tube size

size A 1	1	A	231,00 €
size A 3	2	A	231,00 €
size A 5	3	A	231,00 €
size A 10	4	A	231,00 €
size A 25	5	A	231,00 €
size B 30	1	B	217,00 €
size B 40	2	B	217,00 €
size B 50	3	B	217,00 €
size B 65	4	B	217,00 €
size B 80	5	B	217,00 €
size B 100	6	B	217,00 €
size C 125	1	C	200,00 €
size C 160	2	C	200,00 €
size C 200	3	C	200,00 €
size C 250	4	C	200,00 €
size C 315	5	C	200,00 €
size C 400	6	C	200,00 €
size C 500	7	C	200,00 €
size D 650	1	D	229,00 €
size D 800	2	D	229,00 €
size D 1000	3	D	229,00 €
size D 1250	4	D	229,00 €
size D 1600	5	D	229,00 €
size D 2000	6	D	229,00 €
size D 2500	7	D	229,00 €
size D 3000	8	D	229,00 €
size E 4000	1	E	351,00 €
size E 5000	2	E	351,00 €
size E 6500	3	E	351,00 €
size F 8000	1	F	351,00 €
size F 10000	2	F	351,00 €
size F 12500	1	G	478,00 €
size G 16000	2	G	478,00 €
size H 20000	1	H	515,00 €
size H 25000	2	H	515,00 €

FVA Tubex variable area meter Glass flow tube



Flow tube size A,B

Fitting: steel, Connection: steel (cast iron), float:1.4571	A 1	- €
Fitting, connection, float: 1.4571	A 2	457,00 €
Fitting: steel, Connection, float: 1.4571	A 3	111,00 €
Fitting, connection: PVC, float: PVC weighted	A 4	91,00 €
Fitting: steel, Connection: steel (cast iron), float: aluminium	A 6	- €
Fitting: steel, Connection: 1.4571, float: aluminium	A 7	111,00 €

Flow tube size C

Fitting: steel, Connection: steel (cast iron), float:1.4571	C 1	- €
Fitting, connection, float: 1.4571	C 2	457,00 €
Fitting: steel, Connection, float: 1.4571	C 3	111,00 €
Fitting, connection: PVC, float: PVC weighted	C 4	60,00 €
Fitting: 1.4571, Connection: steel, float: 1.4571 with magnet	C 5	54,00 €
Fitting: steel, Connection: steel (cast iron), float: aluminium	C 6	- €
Fitting: steel, Connection: 1.4571, float: aluminium	C 7	111,00 €
Fitting: 1.4571, Con.: steel (cast iron), float: alu with magnet	C 8	81,00 €

Flow tube size D

Fitting: steel, Connection: steel (cast iron), float:1.4571	D 1	- €
Fitting, connection, float: 1.4571	D 2	605,00 €
Fitting: steel, Connection, float: 1.4571	D 3	128,00 €
Fitting, connection: PVC, float: PVC weighted	D 4	269,00 €
Fitting: 1.4571, Connection: steel, float: 1.4571 with magnet	D 5	122,00 €
Fitting: steel, Connection: steel (cast iron), float: aluminium	D 6	- €
Fitting: steel, Connection: 1.4571, float: aluminium	D 7	128,00 €
Fitting: 1.4571, Con.: steel (cast iron), float: alu with magnet	D 8	122,00 €

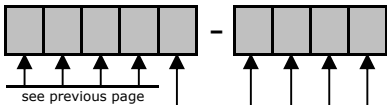
Flow tube size E, F

Fitting: steel, Connection: steel (cast iron), float:1.4571	E 1	- €
Fitting, connection, float: 1.4571	E 2	397,00 €
Fitting: steel, Connection, float: 1.4571	E 3	268,00 €
Fitting, connection: PVC, float: PVC weighted	E 4	130,00 €
Fitting: 1.4571, Connection: steel, float: 1.4571 with magnet	E 5	169,00 €
Fitting: steel, Connection: steel (cast iron), float: aluminium	E 6	- €
Fitting: steel, Connection: 1.4571, float: aluminium	E 7	268,00 €
Fitting: 1.4571, Con.: steel (cast iron), float: alu with magnet	E 8	169,00 €

Flow tube size G, H

Fitting: steel, Connection: steel (cast iron), float:1.4571	G 1	- €
Fitting, connection, float: 1.4571	G 3	340,00 €
Fitting: 1.4571, Connection: steel, float: 1.4571 with magnet	G 5	78,00 €
Fitting: steel, Connection: steel (cast iron), float: aluminium	G 6	- €
Fitting: steel, Connection: 1.4571, float: aluminium	G 7	340,00 €
Fitting: 1.4571, Con.: steel (cast iron), float: alu with magnet	G 8	66,00 €
Special version, Specify Order code and plain text	Z 9	on request

FVA Tubux variable area meter Glass flow tube

7ME5810 -  - price

Gasket material

Buna N (standard)	1	- €
Viton	4	16,00 €
EPDM	8	49,00 €

Contacts (only with magnetic float)

Without contact	0	- €
Contact K17/A (closes when limit is fallen below)	1	78,00 €
Contact K17/B (opens when limit is fallen below)	2	78,00 €
2 contacts K17/A	3	157,00 €
2 contacts K17/B	4	157,00 €
1 per contact K17/A and K17/B (closes when limit is fallen below opens when limit is fallen below)	6	157,00 €
Changeover contact K23	5	248,00 €

Connection Size

PVC adhesive bushing (for plastic pipe only)	A	- €
Female thread G1/4	B	- €
Female thread G3/8	C	- €
Female thread G1/2	D	- €
Female thread G3/4	E	- €
Female thread G1	F	- €
Female thread G1 1/4	G	- €
Female thread G1 1/2	H	- €
Female thread G2	J	- €
Female thread G2 1/2	K	- €
Female thread G3	L	- €

Connection type

Female thread DIN ISO 228	A	- €
Adhesive bushing (only for type 4)	B	- €
Female thread (NPT)	C	- €

Float version

Standard	0	- €
Guided	2	16,00 €
Float viscosity-compensated for liquids (SV)	3	47,00 €
PVC for gases	4	18,00 €
PVC with magnet for gases	5	29,00 €
PVDF for gases	6	18,00 €
PVC guided	7	23,00 €
PVDF guided	8	23,00 €
Special versions on demand	9	on request

Further designs

With calibration certificate	B06	48,00 €
Measured medium	Y01	90,00 €
With etched scale (>90°C)	Y02	52,00 €
Special scale (1% accuracy)	Y03	74,00 €
Silicone-free version	Y04	59,00 €
water as measured medium	Y05	- €
Special version	Y99	on request

FVA - Variable area meter Type UNOX Glass flow tube

7ME5815 -  price

Flow tube size

Flow tube size			price
size A 1	1	A	578,00 €
size A 3	2	A	578,00 €
size A 5	3	A	578,00 €
size A 10	4	A	578,00 €
size A 25	5	A	578,00 €
size B 30	1	B	565,00 €
size B 40	2	B	565,00 €
size B 50	3	B	565,00 €
size B 65	4	B	565,00 €
size B 80	5	B	565,00 €
size B 100	6	B	565,00 €
size C 125	1	C	545,00 €
size C 160	2	C	545,00 €
size C 200	3	C	545,00 €
size C 250	4	C	545,00 €
size C 315	5	C	545,00 €
size C 400	6	C	545,00 €
size C 500	7	C	545,00 €
size D 650	1	D	528,00 €
size D 800	2	D	528,00 €
size D 1000	3	D	528,00 €
size D 1250	4	D	528,00 €
size D 1600	5	D	608,00 €
size D 2000	6	D	608,00 €
size D 2500	7	D	608,00 €
size D 3000	8	D	608,00 €
size E 4000	1	E	778,00 €
size E 5000	2	E	778,00 €
size E 6500	3	E	778,00 €
size F 8000	1	F	728,00 €
size F 10000	2	F	728,00 €
size F 12500	1	G	957,00 €
size G 16000	2	G	957,00 €
size H 20000	1	H	1.160,00 €
size H 25000	2	H	1.160,00 €

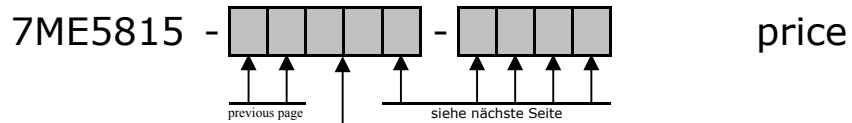
Type 1: Threaded connection steel (malleable cast iron); Float 1.4305/1.4571

Flow tube size A, B, C	J 1	16,00 €
Flow tube size D to D 1000	J 2	- €
Flow tube size D above D 1250	J 3	- €
Flow tube size E	J 4	- €
Flow tube size F	J 5	- €

Type 2: Threaded connection 1.4571; Float

Flow tube size A, B, C	K 1	25,00 €
Flow tube size D to D 1000	K 2	68,00 €
Flow tube size D above D 1250	K 3	106,00 €
Flow tube size E	K 4	135,00 €
Flow tube size F	K 5	194,00 €

FVA - Variable area meter Type UNOX Glass flow tube



Type 3: Flange connection GG25, Float 1.4301/1.4571

Flow tube size A, B, C	L 1	7,00 €
Flow tube size D to D 1000	L 2	25,00 €
Flow tube size D above D 1250	L 3	18,00 €
Flow tube size E	L 4	27,00 €
Flow tube size F	L 5	40,00 €
Flow tube size G	L 6	- €
Flow tube size H	L 7	- €

Type 4: Flange connection GG25, Liner 1.4571, Float 1.4571

Flow tube size A, B, C	M 1	95,00 €
Flow tube size D to D 1000	M 2	128,00 €
Flow tube size D above D 1250	M 3	183,00 €
Flow tube size E	M 4	232,00 €
Flow tube size F	M 5	298,00 €
Flow tube size G	M 6	362,00 €
Flow tube size H	M 7	455,00 €

Type 5: Flange connection GG25, Liner Hard rubber, Float 1.4571

Flow tube size A, B, C	N 1	104,00 €
Flow tube size D to D 1000	N 2	142,00 €
Flow tube size D above D 1250	N 3	89,00 €
Flow tube size E	N 4	102,00 €
Flow tube size F	N 5	118,00 €
Flow tube size G	N 6	117,00 €
Flow tube size H	N 7	110,00 €

Type 6: Flange connection GG25, Liner PTFE, Float PVDF weighted

Flow tube size A, B, C	P 1	222,00 €
Flow tube size D to D 1000	P 2	252,00 €
Flow tube size D above D 1250	P 3	243,00 €
Flow tube size E	P 4	282,00 €
Flow tube size F	P 5	334,00 €
Flow tube size G	P 6	322,00 €
Flow tube size H	P 7	342,00 €

Type 7: Threaded connection steel (malleable cast iron), Float aluminium

Flow tube size A, B, C	Q 1	16,00 €
Flow tube size D to D 1000	Q 2	- €
Flow tube size D above D 1250	Q 3	- €
Flow tube size E	Q 4	- €
Flow tube size F	Q 5	- €

Type 8: Threaded connection 1.457, Float aluminium

Flow tube size A, B, C	R 1	25,00 €
Flow tube size D to D 1000	R 2	68,00 €
Flow tube size D above D 1250	R 3	106,00 €
Flow tube size E	R 4	135,00 €
Flow tube size F	R 5	194,00 €

FVA - Variable area meter Type UNOX Glass flow tube

7ME5815 -  price

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Type 9: Flange connection GG25, float

Aluminium

Flow tube size A, B, C	S 1	7,00 €
Flow tube size D to D 1000	S 2	25,00 €
Flow tube size D above D 1250	S 3	18,00 €
Flow tube size E	S 4	27,00 €
Flow tube size F	S 5	40,00 €
Flow tube size G	S 6	- €
Flow tube size H	S 7	- €

Type 10: Flange connection GG25, Liner PTFE, Float

Flow tube size A, B, C	T 1	222,00 €
Flow tube size D to D 1000	T 2	255,00 €
Flow tube size D above D 1250	T 3	243,00 €
Flow tube size E	T 4	282,00 €
Flow tube size F	T 5	334,00 €
Flow tube size G	T 6	322,00 €
Flow tube size H	T 7	342,00 €

Gasket material

Perbunan (Standard)	1	- €
Viton	4	16,00 €
PTFE	5	50,00 €
Hypalon	7	75,00 €
EPDM	8	46,00 €

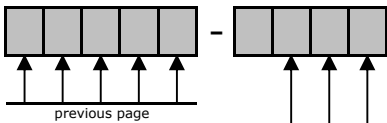
contacts

Without contact	0	- €
Contact K17/A (closes when limit ist fallen below)	1	77,00 €
Contact K17/B (opens when limit is fallen below)	2	77,00 €
2 contacts K17/A	3	155,00 €
2 contacts K17/B	4	155,00 €
Cangeover contact K23	5	248,00 €
1 per contact K17/A and K17/B	6	155,00 €

Connection size

Female thread G1/4, NPT 1/4	B	29,00 €
Female thread G3/8, NPT 3/8	C	29,00 €
Female thread G1/2, NPT 1/2	D	- €
Female thread G3/4, NPT 3/4	E	- €
Female thread G1, NPT 1	F	- €
Female thread G1 1/4, NPT 1 1/4	G	49,00 €
Female thread G1 1/2, NPT 1 1/2	H	49,00 €
Female thread G2, NPT 2	J	- €

FVA - Variable area meter Type UNOX Glass flow tube

7ME5815 -  - price

Connection size

Flange connection DN 15	M	- €
Flange connection DN 25	N	- €
Flange connection DN 40	P	- €
Flange connection DN 50	Q	- €
Flange connection DN 65	S	- €
Flange connection DN 80	R	97,00 €

Connection type

Female thread DIN ISO 228	A	- €
Female thread (NPT)	C	16,00 €
Flange connection DIN 2501	D	- €
Flange connection ANSI 16.5 B	E	on request

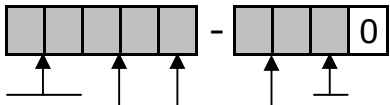
Float version

Standard	0	- €
Guided	1	31,00 €
Mat.No. 1.4571/316Ti with magnet	2	52,00 €
PVC with magnet	3	52,00 €
PVC with magnet (only for liquids)	4	52,00 €
Viscosity-compensated (SV)	5	52,00 €
PVC	6	21,00 €
PVDF	7	31,00 €
Aluminium with magnet	8	52,00 €
Special version (specify in plain text)	9	on request

Further designs

With calibration certificate	B06	54,00 €
Measured medium	Y01	43,00 €
With etched scale (>90°C)	Y02	81,00 €
Special scale (accuracy 1%)	Y03	47,00 €
Silicone-free version	Y04	67,00 €

FVA - variable area meter Glass flow tube, Spare parts

7ME5890 -  price

Float material

C mat.No. 1.4305/303	C 1	8,00 €
C mat.No. 1.4571/316Ti	C 2	23,00 €
C Aluminium	C 3	7,00 €
C PVC, weighted	C 7	45,00 €
C PVC, not weighted	C 8	18,00 €
C mat.No. 1.4571/316Ti / SV	C 9	46,00 €
D mat.No. 1.4305/303	D 1	16,00 €
D mat.No. 1.4571/316Ti	D 2	28,00 €
D Aluminium	D 3	10,00 €
D PVC, weighted	D 7	57,00 €
D PVC, not weighted	D 8	20,00 €
D mat.No. 1.4571/316Ti / SV	D 9	49,00 €
E, F mat.No. 1.4305/303	E 1	36,00 €
E, F mat.No. 1.4571/316Ti	E 2	62,00 €
E, F Aluminium	E 3	24,00 €
E, F PVC, weighted	E 7	70,00 €
E, F PVC, not weighted	E 8	49,00 €
E, F mat.No. 1.4571/316Ti / SV	E 9	68,00 €
G, H mat.No. 1.4571/316Ti	F 2	83,00 €
G, H Aluminium	F 3	50,00 €
G, H PVDF, weighted	F 4	86,00 €
G, H PVC, not weighted	F 5	52,00 €
G, H mat.No. 1.4571/316Ti / SV	F 9	86,00 €

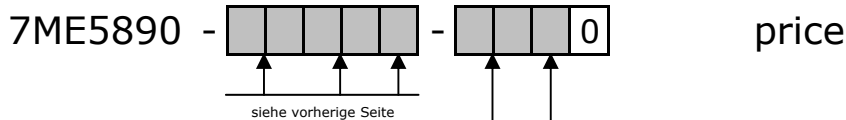
Float design

Standard	0	- €
With magnet (only for flow tube sizes D, E,F,G,H)	1	26,00 €
Guided (only for flow tube sizes D, E,F,G,H)	2	16,00 €
With magnet and guided (only for flow tube sizes E,F,G,H)	3	83,00 €
Version without float	8	- €

Gasket material

without gasket	0 A	- €
with gasket for Tubux A,B Perbunan	1 A	26,00 €
with gasket for Tubux C Perbunan	2 A	21,00 €
with gasket for Tubux D Perbunan	3 A	23,00 €
with gasket for Tubux E,F Perbunan	5 A	25,00 €
with gasket for Tubux G, H Perbunan	7 A	29,00 €
with gasket for Unox A,B,C Perbunan	1 B	19,00 €
with gasket for Unox D to D 1000 Perbunan	3 B	19,00 €
with gasket for Unox D up to D 1250 Perbunan	4 B	29,00 €
with gasket for Unox E Perbunan	5 B	31,00 €
with gasket for Unox F Perbunan	6 B	35,00 €
with gasket for Unox G Perbunan	7 B	40,00 €
with gasket for Unox H Perbunan	8 B	44,00 €
with gasket for Tubux A,B Viton	1 C	48,00 €
with gasket for Tubux C Viton	2 C	54,00 €
with gasket for Tubux D Viton	3 C	63,00 €

FVA - variable area meter Glass flow tube, Spare parts



Gasket material

with gasket for Tubux E,F Viton	5 C	92,00 €
with gasket for Tubux G, H Viton	7 C	131,00 €
with gasket for Unox A,B,C Viton	1 D	38,00 €
with gasket for Unox D to D 1000 Viton	3 D	54,00 €
with gasket for Unox D up to D 1250 Viton	4 D	78,00 €
with gasket for Unox E Viton	5 D	100,00 €
with gasket for Unox F Viton	6 D	123,00 €
with gasket for Unox G Viton	7 D	160,00 €
with gasket for Unox H Viton	8 D	187,00 €

Accessories

Without accessories	A	- €
2 stainless steel limit springs for Flow tube size A, B	B	6,00 €
2 stainless steel limit springs for Flow tube size C	C	6,00 €
2 stainless steel limit springs for Flow tube size D	D	6,00 €
Float guide rod and Perbunan-limits for Tubux Flow tube size C, D	E	15,00 €
Float guide rod and Perbunan-limits for Tubux Flow tube size E, F	F	29,00 €
Float guide rod and Perbunan-limits for Tubux Flow tube size G, H	G	35,00 €

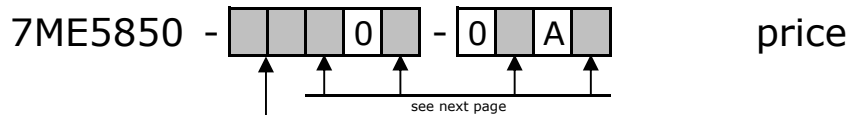
2 stainless steel limits with float guide rod and Perbunan limits

for Unox Flow tube size C	H	19,00 €
for Unox Flow tube size D	J	29,00 €
for Unox Flow tube size E	K	38,00 €
for Unox Flow tube size F	L	42,00 €
for Unox Flow tube size G	M	119,00 €
for Unox Flow tube size H	N	142,00 €

Further designs

With calibration certificate	B06	54,00 €
Always required, specify in plain text:	Y01	47,00 €
With etched scale (>90°C)	Y02	81,00 €
special according Class 1,0 (VDE/VDI 35 13, sheet 2)	Y03	50,00 €
Silicon free version	Y04	67,00 €

FVA-variable area meter Type Minix



Flow tube size

MA 70

70.01	1	A	306,00 €
70.02	2	A	306,00 €
70.05	3	A	306,00 €
70.11	4	A	306,00 €
70.12	5	A	306,00 €
70.13	6	A	306,00 €
70.14	7	A	306,00 €
70.15	8	A	306,00 €

MA 151

151.3	1	B	370,00 €
151.5	2	B	370,00 €
151.10	3	B	352,00 €
151.25	4	B	352,00 €

MA 152

152.5	1	C	440,00 €
152.10	2	C	440,00 €
152.20	3	C	440,00 €
152.30	4	C	440,00 €
152.40	5	C	440,00 €
152.50	6	C	440,00 €
152.60	7	C	440,00 €

MA 301

A 1	1	D	317,00 €
A 3	2	D	317,00 €
A 5	3	D	317,00 €
A 10	4	D	317,00 €
A 25	5	D	317,00 €

MA 302

B 30	1	E	434,00 €
B 40	2	E	434,00 €
B 50	3	E	434,00 €
B 65	4	E	434,00 €
B 80	5	E	434,00 €
B 100	6	E	434,00 €
C 125	1	F	434,00 €
C 160	2	F	434,00 €
C 200	3	F	434,00 €
C 250	4	F	434,00 €
C 315	5	F	434,00 €
C 400	6	F	434,00 €
C 500	7	F	434,00 €

FVA-variable area meter Type Minix

7ME5850 -

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 price

see previous page

Version

Aluminium fitting, aluminium float (for gases)	A	- €
Aluminium fitting, float 1.4571 (for liquids)	C	- €

Gasket material

Perbunan (standard)	1	- €
Viton	4	46,00 €

Connection type

Female thread DIN, brass	A	- €
Female thread DIN, 1.4571/	B	110,00 €
Female thread NPT, brass	C	57,00 €
Female thread NPT, 1.4571/	D	166,00 €
Hose bushing, brass	E	22,00 €
Hose bushing, 1.4571/316Ti	F	117,00 €

Valve

At top (for gases and liquids)	1	- €
At bottom (only for liquids)	2	- €

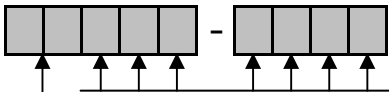
Further designs

With calibration certificate	B06	54,00 €
Measured medium	Y01	43,00 €
With etched scale (>90°C)	Y02	76,00 €
Silicone-free version	Y04	62,00 €
Special version	S01	on request

FVA-variable area meter Spare parts Minix Glass flow tube

7ME5851 -		0				0 A A 0			price
<u>Flow tube size</u>									
MA 70									
70.01	1	A						114,00 €	
70.02	2	A						114,00 €	
70.05	3	A						114,00 €	
70.11	4	A						114,00 €	
70.12	5	A						114,00 €	
70.13	6	A						114,00 €	
70.14	7	A						114,00 €	
70.15	8	A						114,00 €	
MA 151									
151.3	1	B						131,00 €	
151.5	2	B						131,00 €	
151.10	3	B						131,00 €	
151.25	4	B						131,00 €	
MA 152									
152.5	1	C						121,00 €	
152.10	2	C						121,00 €	
152.20	3	C						121,00 €	
152.30	4	C						121,00 €	
152.40	5	C						121,00 €	
152.50	6	C						121,00 €	
152.60	7	C						121,00 €	
MA 301									
A 1	1	D						131,00 €	
A 3	2	D						131,00 €	
A 5	3	D						131,00 €	
A 10	4	D						131,00 €	
A 25	5	D						131,00 €	
MA 302									
B 30	1	E						94,00 €	
B 40	2	E						94,00 €	
B 50	3	E						94,00 €	
B 65	4	E						94,00 €	
B 80	5	E						94,00 €	
B 100	6	E						94,00 €	
C 125	1	F						94,00 €	
C 160	2	F						94,00 €	
C 200	3	F						94,00 €	
C 250	4	F						94,00 €	
C 315	5	F						94,00 €	
C 400	6	F						94,00 €	
C 500	7	F						94,00 €	
Version									
Aluminium fitting, aluminium float (for gases)		A						- €	
Aluminium fitting, float 1.4571 (for liquids)		B						- €	
Gasket material									
Perbunan (standard)					1			- €	
Viton					4			50,00 €	
Further designs									
With calibration certificate						B06		54,00 €	
Measured medium						Y01		43,00 €	
With etched scale (>90°C)						Y02		83,00 €	
Silicone-free version						Y04		62,00 €	

FVA - variable area meter, for measurement of liquids Type FVA 250 - made completely of metal

7ME5820 -  price

see next page

Version

AF-S

Fitting: stainless steel 1.4571/316Ti
Flange: steel C22.8
Float: stainless steel 1.4571

Norm.diam./flange connection

DN 15, ANSI 1/2"	1 A	442,00 €
DN 25, ANSI 1"	1 B	462,00 €
DN 50, ANSI 2"	1 C	548,00 €
DN 80, ANSI 3"	1 D	685,00 €
DN 100, ANSI 4"	1 E	972,00 €

CF-S

Fitting: stainless steel 1.4571
Flange: stainless steel 1.4571
Float: stainless steel 1.4571

Norm.diam./flange connection

DN 15, ANSI 1/2"	2 A	468,00 €
DN 25, ANSI 1"	2 B	494,00 €
DN 50, ANSI 2"	2 C	622,00 €
DN 80, ANSI 3"	2 D	791,00 €
DN 100, ANSI 4"	2 E	1.100,00 €

CF-K

Fitting: stainless steel 1.4571
Flange: stainless steel 1.4571
Float: stainless steel 1.4571

Norm.diam./flange connection

DN 15, ANSI 1/2"	3 A	748,00 €
DN 25, ANSI 1"	3 B	822,00 €

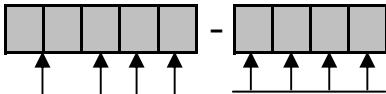
EF-H

Fitting: stainless steel 1.4571/316Ti
Flange: 1.4571/316Ti with PTFE liner
Float: Hastelloy

Norm.diam./flange connection

DN 15, ANSI 1/2"	4 A	on request
DN 25, ANSI 1"	4 B	1.326,00 €
DN 50, ANSI 2"	4 C	1.708,00 €
DN 80, ANSI 3"	4 D	2.385,00 €
DN 100, ANSI 4"	4 E	on request

FVA - variable area meter, for measurement of liquids Type FVA 250 - made completely of metal

7ME5820 -  price

see next page

Version

FF-P

Fitting: stainless steel 1.4571/316Ti
Flange: 1.4571/316Ti with PTFE liner
Float: PTFE

Norm.diam./flange connection

DN 15, ANSI 1/2"	5 A	778,00 €
DN 25, ANSI 1"	5 B	969,00 €
DN 50, ANSI 2"	5 C	1.320,00 €
DN 80, ANSI 3"	5 D	1.831,00 €
DN 100, ANSI 4"	5 E	on request

Flow tube size

A: Full-scale value 16 l/h (0,079 Usgpm)	A	- €
B: Full-scale value 25 m ³ /h (0,119 Usgpm)	B	- €
C: Full-scale value 40 l/h (0,18 Usgpm)	C	- €
D: Full-scale value 63 l/h (0,28 Usgpm)	D	- €
E: Full-scale value 100 l/h (0,44 Usgpm)	E	- €
F: Full-scale value 160 l/h (0,7 Usgpm)	F	- €
G: Full-scale value 250 l/h (1,1 Usgpm)	G	- €
H: Full-scale value 400 l/h (1,76 Usgpm)	H	- €
J: Full-scale value 630 l/h (2,77 Usgpm)	J	- €
K: Full-scale value 1000 l/h (4,4 Usgpm)	K	- €
L: Full-scale value 1600 l/h (7,0 Usgpm)	L	- €
M: Full-scale value 2500 l/h (11 Usgpm)	M	- €
N: Full-scale value 4000 l/h (17,69 Usgpm)	N	- €
P: Full-scale value 6300 l/h (27,6 Usgpm)	P	- €
Q: Full-scale value 10000 l/h (44 Usgpm)	Q	- €
R: Full-scale value 16000 l/h (70,9 Usgpm)	R	- €
S: Full-scale value 20000 l/h (88 Usgpm)	S	- €
T: Full-scale value 25000 l/h (110 Usgpm)	T	- €
U: Full-scale value 40000 l/h (176 Usgpm)	U	- €
V: Full-scale value 50000 l/h (220 Usgpm)	V	- €
W: Full-scale value 63000 l/h (277 Usgpm)	W	- €
X: Full-scale value 100000 l/h (440 Usgpm)	X	- €

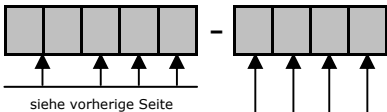
Flange connection standard

DIN 2501 (standard)	1	- €
ANSI B 16.5	2	on request
Special connections (thread or other pressure stages)	9	on request

Temperature shield

Without (standard)	0	- €
With temperature shield 125 to 200°C (257 to 392°F)	1	41,00 €
With displaced display 200 to 300°C (392 to 572°F)	2	172,00 €

FVA - variable area meter, for measurement of liquids Type FVA 250 - made completely of metal

7ME5820 -  price

Heating/cooling sheath

Without (standard)	0	- €
H/K with flange connection	2	468,00 €
H/K without flange connection	3	468,00 €

Display

With local display (standard)	A	- €
With magnet spring contact F VA 251	B	113,00 €
With inductive contact F VA 251	C	136,00 €
With electric remote sensor F VA 252 (0 to 20mA)	D	635,00 €
With electric remote sensor F VA 252 (4 to 20mA)	E	635,00 €

Contact function

No contact (standard)	A	- €
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For magnet spring contacts:

Close on upward or downward violation of limit	D	- €
Open on upward or downward violation of limit	E	- €
Close on downward violation, open on upward violation of limit	G	- €
Open on downward violation, close on upward violation of limit	H	- €

For inductive contacts

Open on downward violation of limit	J	- €
Close on downward violation of limit	K	- €
Close on upward or downward violation of limit	L	64,00 €
Open on upward or downward violation of limit	M	64,00 €
Close on downward violation, open on upward violation of limit	N	64,00 €
Open on downward violation, close on upward violation of limit	P	64,00 €

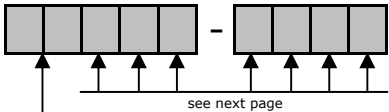
Calibration

Without calibration certificate	0	- €
With calibration certificate	1	50,00 €
Special calibration (1,6% accuracy)	9	on request

Further designs

Acceptance test B to DIN50049, Section 3.1 and EN10204	C12	268,00 €
Measured medium	Y01	- €
Silicone-free version	Y04	67,00 €
Stainless steel tag plate	Y17	41,00 €

FVA - variable area meter, for measurement of gases Type FVA 250 - made completely of metal

7ME5821 -  price

Version

CL-A

Fitting: stainless steel 1.4571/316Ti
Flange: steel C22.8
Float: aluminium

DN 15, ANSI 1/2"	1 A	497,00 €
DN 25, ANSI 1"	1 B	498,00 €
DN 50, ANSI 2"	1 C	574,00 €
DN 80, ANSI 3"	1 D	703,00 €
DN 100, ANSI 4"	1 E	780,00 €

CL-T

Fitting: stainless steel 1.4571/316Ti
Flange: stainless steel 1.4571/316Ti
Float: titanium

DN 15, ANSI 1/2"	2 A	568,00 €
DN 25, ANSI 1"	2 B	618,00 €
DN 50, ANSI 2"	2 C	797,00 €
DN 80, ANSI 3"	2 D	1.151,00 €
DN 100, ANSI 4"	2 E	974,00 €

CL-K

Fitting: stainless steel 1.4571/316Ti
Flange: stainless steel 1.4571/316Ti
Float: stainless steel 1.4571/316Ti

DN 15, ANSI 1/2"	3 A	748,00 €
DN 25, ANSI 1"	3 B	822,00 €

EL-T

Fitting: stainless steel 1.4571/316Ti
Flange: 1.4571/316Ti with PTFE liner
Float: titanium


DN 15, ANSI 1/2"	4 A	on request
DN 25, ANSI 1"	4 B	1.071,00 €
DN 50, ANSI 2"	4 C	1.500,00 €
DN 80, ANSI 3"	4 D	1.908,00 €
DN 100, ANSI 4"	4 E	on request

FL-R

Fitting: stainless steel 1.4571/316Ti
Flange: 1.4571/316Ti with PTFE liner
Float: PTFE

DN 15, ANSI 1/2"	5 A	on request
DN 25, ANSI 1"	5 B	926,00 €
DN 50, ANSI 2"	5 C	1.280,00 €
DN 80, ANSI 3"	5 D	1.692,00 €
DN 100, ANSI 4"	5 E	on request

FVA - variable area meter, for measurement of gases Type FVA 250 - made completely of metal

7ME5821 -  price

Flow tube size

A: Full-scale value 0,5 m ³ /h (2,2 Usgpm)	A	- €
B: Full-scale value 1,0 m ³ /h (4,4 Usgpm)	B	- €
C: Full-scale value 1,6 m ³ /h (7,04 Usgpm)	C	- €
D: Full-scale value 2,5 m ³ /h (11,0 Usgpm)	D	- €
E: Full-scale value 4,0 m ³ /h (17,6 Usgpm)	E	- €
F: Full-scale value 12,0 m ³ /h (53 Usgpm)	F	- €
G: Full-scale value 16,0 m ³ /h (70 Usgpm)	G	- €
H: Full-scale value 25,0 m ³ /h (110 Usgpm)	H	- €
J: Full-scale value 40,0 m ³ /h (176 Usgpm)	R	- €
K: Full-scale value 63,0 m ³ /h (277 Usgpm)	J	- €
L: Full-scale value 100 m ³ /h (440 Usgpm)	K	- €
M: Full-scale value 160 m ³ /h (704 Usgpm)	L	- €
N: Full-scale value 250 m ³ /h (1100 Usgpm)	M	- €
P: Full-scale value 400 m ³ /h (1761 Usgpm)	N	- €
Q: Full-scale value 630 m ³ /h (2774 Usgpm)	P	- €

Flange connection standard

DIN 2501 (standard)	1	- €
ANSI B 16.5	2	on request
Special connections (thread or other pressure stages)	9	on request

Temperature shield

Without (standard)	0	- €
With temperature shield 125 to 200°C (257 to 392°F)	1	41,00 €
With displaced display 200 to 300°C (392 to 572°F)	2	172,00 €

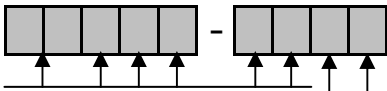
Heating/cooling sheath

Without (standard)	0	- €
H/K with flange connection	2	468,00 €
H/K without flange connection	3	468,00 €

Display

With local display (standard)	A	- €
With magnet spring contact F VA 251	B	113,00 €
With inductive contact F VA 251	C	136,00 €
With electric remote sensor F VA 252 (0 to 20mA)	D	635,00 €
With electric remote sensor F VA 252 (4 to 20mA)	E	635,00 €

FVA - variable area meter, for measurement of gases Type FVA 250 - made completely of metal

7ME5821 -  price

Contact function

No contact (standard)	A	- €
For magnet spring contacts:		
Close on upward or downward violation of limit	D	- €
Open on upward or downward violation of limit	E	- €
Close on downward violation, open on upward violation of limit	G	- €
Open on downward violation, close on upward violation of limit	H	- €
For inductive contacts		
Open on downward violation of limit	J	- €
Close on downward violation of limit	K	- €
Close on upward or downward violation of limit	L	64,00 €
Open on upward or downward violation of limit	M	64,00 €
Close on downward violation, open on upward violation of limit	N	64,00 €
Open on downward violation, close on upward violation of limit	P	64,00 €

Calibration

Without calibration certificate	0	- €
With calibration certificate	1	50,00 €

Further designs

Acceptance test B to DIN50049, Section 3.1 and EN10204	C12	268,00 €
Measured medium	Y01	- €
Silicone-free version	Y04	67,00 €
Stainless steel tag plate	Y17	41,00 €

FO Orifice flowmeter Type N4

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 price

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Flow tube

Trogamid (standard)	0	- €
Polysulfone (only with spec. measuring range)	1	11,00 €

Nom.diam. and Measuring range

Connection DN40 (1 1/2")

Meas. Range 1,2-6 m ³ /h (5,28 - 26,4 Usgpm)	A A	- €
Meas. Range 2-10 m ³ /h (8,8 - 44 Usgpm)	A B	315,00 €
Meas. Range 3,2-16 m ³ /h (15 - 70 Usgpm)	A C	315,00 €
Special meas. Range (spec. in plain text)	A Z	315,00 €

Connection DN50 (2")

Meas. Range 2-10 m ³ /h (8,8 - 44 Usgpm)	B A	317,00 €
Meas. Range 3-15 m ³ /h (13,2 - 66 Usgpm)	B B	317,00 €
Meas. Range 5-25 m ³ /h (22 - 110 Usgpm)	B C	317,00 €
Special meas. Range (spec. in plain text)	B Z	363,00 €

Connection DN65 (2 1/2")

Meas. Range 3,2-16 m ³ /h (15 - 70 Usgpm)	C A	318,00 €
Meas. Range 6-30 m ³ /h (26,4 - 132 Usgpm)	C B	318,00 €
Meas. Range 8-40 m ³ /h (35 - 176 Usgpm)	C C	318,00 €
Special meas. Range (spec. in plain text)	C Z	358,00 €

Connection DN80 (3")

Meas. Range 5-25 m ³ /h (22 - 110 Usgpm)	D A	325,00 €
Meas. Range 10-50 m ³ /h (44 - 220 Usgpm)	D B	325,00 €
Meas. Range 13-65 m ³ /h (57 - 586 Usgpm)	D C	325,00 €
Special meas. Range (spec. in plain text)	D Z	371,00 €

Connection DN100 (4")

Meas. Range 10-50 m ³ /h (44 - 220 Usgpm)	E A	338,00 €
Meas. Range 16-80 m ³ /h (70 - 352 Usgpm)	E B	338,00 €
Meas. Range 20-100 m ³ /h (88 - 440 Usgpm)	E C	338,00 €
Special meas. Range (spec. in plain text)	E Z	383,00 €

Connection DN125 (5")

Meas. Range 13-65 m ³ /h (57 - 586 Usgpm)	F A	365,00 €
Meas. Range 24-120 m ³ /h (106-528 Usgpm)	F B	365,00 €
Meas. Range 32-160 m ³ /h (141-704 Usgpm)	F C	365,00 €
Special meas. Range (spec. in plain text)	F Z	417,00 €

Connection DN 150 (6")

Meas. Range 20-100 m ³ /h (88 - 440 Usgpm)	G A	398,00 €
Meas. Range 32-160 m ³ /h (141-704 Usgpm)	G B	398,00 €
Meas. Range 50-250 m ³ /h (220-1100 Usgpm)	G C	398,00 €
Special meas. Range (spec. in plain text)	G Z	451,00 €

Connection DN200 (8")

Meas. Range 34-170 m ³ /h (150-749 Usgpm)	H A	469,00 €
Meas. Range 60-300 m ³ /h (264-1321 Usgpm)	H B	469,00 €
Meas. Range 80-400 m ³ /h (352-1761 Usgpm)	H C	469,00 €
Special meas. Range (spec. in plain text)	H Z	509,00 €

Connection DN250 (10")

Meas. Range 50-250 m ³ /h (220-1100 Usgpm)	J A	491,00 €
Meas. Range 80-400 m ³ /h (352-1761 Usgpm)	J B	491,00 €
Meas. Range 130-650 m ³ /h (572-2862 Usgpm)	J C	491,00 €
Special meas. Range (spec. in plain text)	J Z	535,00 €

FO Orifice flowmeter Type N4

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Nom.diam. and Measuring range

Connection DN300 (12")

Meas. Range 80-400 m ³ /h (352-1761 Usgpm)	K A	654,00 €
Meas. Range 120-600 m ³ /h (528-2642 Usgpm)	K B	654,00 €
Meas. Range 200-1000 m ³ /h (881-4403 Usgpm)	K C	654,00 €
Special meas. Range (spec. in plain text)	K Z	712,00 €

Connection DN350 (14")

Meas. Range 100-500 m ³ /h (440-2202 Usgpm)	L A	732,00 €
Meas. Range 200-1000 m ³ /h (881-4403 Usgpm)	L B	732,00 €
Meas. Range 270-1300 m ³ /h (1189-5724 Usgpm)	L C	732,00 €
Special meas. Range (spec. in plain text)	L Z	

Connection DN400 (16")

Meas. Range 140-700 m ³ /h (616-3082 Usgpm)	M A	749,00 €
Meas. Range 240-1200 m ³ /h (1057-5284 Usgpm)	M B	749,00 €
Meas. Range 320-1600 m ³ /h (1409-7045 Usgpm)	M C	749,00 €
Special meas. Range (spec. in plain text)	M Z	749,00 €

Float material

Mat.No. 1.4305 (Standard)	0	- €
Mat.No. 1.4571	1	43,00 €
Mat.No. 1.4571 with Magnet	2	43,00 €
PVC weighted, for special meas. range	3	43,00 €
PVC weighted with magnet	4	43,00 €

Contacts (only with magnetic float)

without contact	0	- €
Contact K 18/A (closes when limit is fallen below)	1	81,00 €
Contact K 18/B (closes when limit is exceeded)	2	81,00 €
2 contact K 18/A	3	163,00 €
2 contact K 18/B	4	163,00 €
je 1 Kontakt K 18/A und K 18/B	5	163,00 €

Orifice

PVC (standard)	A W	- €
Mat.No. 1.4571 Nominal diameter DN 40 (1 1/2")	B A	140,00 €
Mat.No. 1.4571 Nominal diameter DN 50 (2")	B B	155,00 €
Mat.No. 1.4571 Nominal diameter DN 65 (2 1/2")	B C	165,00 €
Mat.No. 1.4571 Nominal diameter DN 80 (3")	B D	178,00 €
Mat.No. 1.4571 Nominal diameter DN 100 (4")	B E	180,00 €
Mat.No. 1.4571 Nominal diameter DN 125 (5")	B F	208,00 €
Mat.No. 1.4571 Nominal diameter DN 150 (6")	B G	232,00 €
Mat.No. 1.4571 Nominal diameter DN 200 (8")	B H	245,00 €
Mat.No. 1.4571 Nominal diameter DN 250 (10")	B J	312,00 €
Mat.No. 1.4571 Nominal diameter DN 300 (12")	B K	386,00 €
Mat.No. 1.4571 Nominal diameter DN 350 (14")	B L	531,00 €
Mat.No. 1.4571 Nominal diameter DN 400 (16")	B M	578,00 €

Calibration certificate

Without (standard)	0	- €
With calibration certificate	1	50,00 €

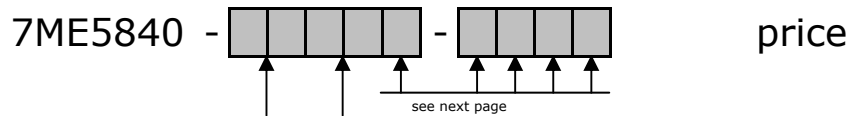
Further designs

Measured medium	Y01	- €
Silicone-free version	Y04	67,00 €
Special version	Y99	on request

FO orifice plate flowmeter Type Turbo-Lux

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Orifice plate											
Without		0								- €	
DN 80 (3 inch)		1								154,00 €	
DN 100 (4 inch)		2								165,00 €	
DN 150 (6 inch)		3								172,00 €	
DN 200 (8 inch)		4								229,00 €	
DN 250 (10 inch)		5								408,00 €	
Centering assembly											
Without			A							- €	
DN 80 (3 inch)			B							50,00 €	
DN 100 (4 inch)			C							56,00 €	
DN 150 (6 inch)			E							92,00 €	
DN 200 (8 inch)			F							92,00 €	
DN 250 (10 inch)			G							125,00 €	
Centering sockets (4x)			H							20,00 €	
Bypass meter											
Without (standard)			A							- €	
With bypass meter			B							534,00 €	
Case											
Without (standard)					0					- €	
With casei					1					113,00 €	
Replacement screw cap											
Without (standard)									0	- €	
With screw cap, including gasket									1	15,00 €	
Calibration certificate											
Without (standard)										0	- €
With calibration certificate										1	74,00 €
Further designs											
Silicone-free version										Y04	59,00 €
Special version on demand										Y99	on request

FI flap flowmeter, for clear, transparent liquids Type Intra



Type A:

Fittings and pressure rings: cast iron (GG25), Rear dummy flange: cast iron (GG25)

Nominal diameter			
DN 25	0	A	574,00 €
DN 40	0	B	622,00 €
DN 50	0	C	651,00 €
DN 65	0	D	786,00 €
DN 80	0	E	828,00 €
DN 100	0	F	1.020,00 €
DN 125	0	G	1.360,00 €
DN 150	0	H	1.520,00 €

Type AA:

Fittings and pressure rings: cast iron (GG25), Rear pressure plate: hard glass

Nominal diameter			
DN 25	1	A	585,00 €
DN 40	1	B	637,00 €
DN 50	1	C	674,00 €
DN 65	1	D	797,00 €
DN 80	1	E	851,00 €
DN 100	1	F	1.060,00 €
DN 125	1	G	1.360,00 €
DN 150	1	H	1.511,00 €

Type C:

Fittings (rubber coated) and pressure rings: cast iron (GG25), Rear pressure plate: hard glass

Nominal diameter			
DN 40	4	B	1.071,00 €
DN 50	4	C	1.180,00 €
DN 65	4	D	1.300,00 €
DN 80	4	E	1.500,00 €
DN 100	4	F	1.754,00 €
DN 125	4	G	1.985,00 €
DN 150	4	H	1.985,00 €

Type D:

Fittings Stainless steel(1.4581) and press. Rings: cast iron(GG25), Rear pressure plate: hard glass

Nominal diameter			
DN 25	6	A	1.360,00 €
DN 40	6	B	1.491,00 €
DN 50	6	C	1.585,00 €
DN 65	6	D	2.185,00 €
DN 80	6	E	2.492,00 €
DN 100	6	F	3.169,00 €
DN 125	6	G	3.815,00 €
DN 150	6	H	4.185,00 €

Glass panes (scale pane and pressure plate)

Hard glass			
DN 25	A	0	- €
DN 40	B	0	- €
DN 50	C	0	- €
DN 65	D	0	- €
DN 80	E	0	- €
DN 100	F	0	- €
DN 125	G	0	- €
DN 150	H	0	- €

FI flap flowmeter, for clear, transparent liquids

Type Intra

7ME5840 -  price

Borosilicate glass (temp. Of medium >90°C (194°F))

DN 25	A 1	66,00 €
DN 40	B 1	105,00 €
DN 50	C 1	143,00 €
DN 65	D 1	272,00 €
DN 80	E 1	403,00 €
DN 100	F 1	414,00 €
DN 125	G 1	448,00 €
DN 150	H 1	448,00 €

Borosilicate glass scale pane (only version type A)

DN 25	A 2	33,00 €
DN 40	B 2	53,00 €
DN 50	C 2	72,00 €
DN 65	D 2	136,00 €
DN 80	E 2	202,00 €
DN 100	F 2	207,00 €
DN 125	G 2	224,00 €
DN 150	H 2	224,00 €

Connection standard

DIN 2501 (BS 4504)	1	- €
ANSI B 16.5 RF	2	185,00 €

Material Measuring flap/flap axis

Stainless steel mat.No. 1.4571 (standard)	1	- €
Hastelloy	2	618,00 €
Titan	3	on request

Gasket material

Perbunan (standard)	A	- €
Viton	B	66,00 €

Flow direction

Small measuring range

Upwards (vertical pipeline)	A	- €
From left to right (horizontal pipeline)	B	- €
From right to left (horizontal pipeline)	C	- €

Large measuring range

Upwards (vertical pipeline)	D	- €
From left to right (horizontal pipeline)	E	- €
From right to left (horizontal pipeline)	F	- €

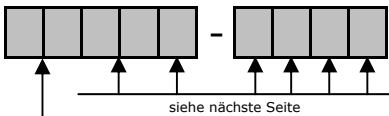
Rear scale (only with glass pressure plate)

Without scale	0	- €
With scale on the glass plane	1	139,00 €

Further designs

Measured medium	Y01	- €
Silicone-free version	Y04	101,00 €
Specify in plain text	S01	on request

FI flap flowmeter, for opaque liquids Type Prima

7ME5841 -  price

Type A (standard measuring range)

Fittings and pressure rings: cast iron (GG25)
Rear dummy flange: cast iron (GG25)

DN 25	0 A	538,00 €
DN 40	0 B	583,00 €
DN 50	0 C	615,00 €
DN 65	0 D	915,00 €
DN 80	0 E	935,00 €
DN 100	0 F	1.120,00 €
DN 125	0 G	1.340,00 €
DN 150	0 H	1.662,00 €

Type A (special measuring range)

Fittings and pressure rings: cast iron (GG25)
Rear dummy flange: cast iron (GG25)

DN 25	1 A	582,00 €
DN 40	1 B	685,00 €
DN 50	1 C	691,00 €
DN 65	1 D	988,00 €
DN 80	1 E	1.011,00 €
DN 100	1 F	1.211,00 €
DN 125	1 G	1.451,00 €
DN 150	1 H	1.785,00 €

Type C

Fittings (rubber coated) and pressure rings: cast iron (GG25)
Rear pressure plate: GG, rubber coated

DN 40	4 B	1.151,00 €
DN 50	4 C	1.260,00 €
DN 65	4 D	1.615,00 €
DN 80	4 E	1.800,00 €
DN 100	4 F	2.062,00 €
DN 125	4 G	2.492,00 €
DN 150	4 H	2.508,00 €

Type D

Fittings Stainless steel (1.4581) and press. Rings: cast iron (GG25)
Rear pressure plate: stainless steel 1.4571

DN 25	6 A	1.440,00 €
DN 40	6 B	1.600,00 €
DN 50	6 C	1.738,00 €
DN 65	6 D	2.508,00 €
DN 80	6 E	2.908,00 €
DN 100	6 F	3.615,00 €
DN 125	6 G	4.246,00 €
DN 150	6 H	4.585,00 €

FI flap flowmeter, for opaque liquids Type Prima

7ME5841 -  price

see at previous page

Scale cover

Acrylic glass (standard)

DN 25	A 0	- €
DN 40	B 0	- €
DN 50	C 0	- €
DN 65	D 0	- €
DN 80	E 0	- €
DN 100	F 0	- €
DN 125	G 0	- €
DN 150	H 0	- €

Hard glass

DN 25	A 1	9,00 €
DN 40	B 1	13,00 €
DN 50	C 1	21,00 €
DN 65	D 1	16,00 €
DN 80	E 1	35,00 €
DN 100	F 1	61,00 €
DN 125	G 1	122,00 €
DN 150	H 1	122,00 €

Connection standard

DIN 2501 (BS 4504)	1	- €
ANSI B 16.5 RF	2	185,00 €

Material measuring flap/flap axis

Stainless steel, mat. No. 1.4571 (standard)	1	- €
Hastelloy	2	618,00 €

Gasket material

Klinger-Sil-C 8200 (standard)	A	- €
Klinger-Sil-C 4500	B	34,00 €

Flow direction

Small measuring range

Upwards (vertical pipeline)	A	- €
From left to right (horizontal pipeline)	B	- €
From right to left (horizontal pipeline)	C	- €

Large measuring range

Upwards (vertical pipeline)	D	- €
From left to right (horizontal pipeline)	E	- €
From right to left (horizontal pipeline)	F	- €

Contacts

Without (standard)	0	- €
Inductive contact type SJ 3.5-N (max.temp.of medium 90°C (194°F))	1	302,00 €
Inductive contact type SJ 3.5-SN (max.temp.of medium 120°C (248°F))	2	354,00 €

Further designs

Measured medium temperature > 90°C (194°F)	A01	on request
Pressure plate hard glass	A02	on request
Pressure plate Borosilicate glass	A03	on request
Measured medium	Y01	50,00 €
Silicone-free version	Y04	101,00 €

FI flowmeter Type Gardex

7ME5842 -  price

Version (according to table on page 4)

Type 1

Ring: steel

Baffle plate: stainless steel 1.4571

DN 25 , ANSI 1"	0 A	1.180,00 €
DN 40, ANSI 1 1/2"	0 B	1.231,00 €
DN 50, ANSI 2"	0 C	1.231,00 €
DN 65, ANSI 2 1/2 "	0 D	1.251,00 €
DN 80, ANSI 3"	0 E	1.260,00 €
DN 100, ANSI 4"	0 F	1.280,00 €
DN 125, ANSI 5"	0 G	1.291,00 €
DN 150, ANSI 6"	0 H	1.300,00 €
DN 200, ANSI 8"	0 J	1.371,00 €
DN 250, ANSI 10"	0 K	1.451,00 €
DN 300, ANSI 12"	0 L	1.554,00 €

Type 2

Ring: stainless steel 1.4571

Baffle plate:stainless steel 1.4571

DN 25 , ANSI 1"	1 A	1.251,00 €
DN 40, ANSI 1 1/2"	1 B	1.291,00 €
DN 50, ANSI 2"	1 C	1.320,00 €
DN 65, ANSI 2 1/2 "	1 D	1.360,00 €
DN 80, ANSI 3"	1 E	1.471,00 €
DN 100, ANSI 4"	1 F	1.511,00 €
DN 125, ANSI 5"	1 G	1.538,00 €
DN 150, ANSI 6"	1 H	1.554,00 €
DN 200, ANSI 8"	1 J	1.800,00 €
DN 250, ANSI 10"	1 K	1.846,00 €
DN 300, ANSI 12"	1 L	1.969,00 €

Type 3

Ring: steel with rubber liner

Baffle plate: stainless steel 1.4571

DN 25 , ANSI 1"	2 A	1.320,00 €
DN 40, ANSI 1 1/2"	2 B	1.311,00 €
DN 50, ANSI 2"	2 C	1.391,00 €
DN 65, ANSI 2 1/2 "	2 D	1.360,00 €
DN 80, ANSI 3"	2 E	1.451,00 €
DN 100, ANSI 4"	2 F	1.431,00 €
DN 125, ANSI 5"	2 G	1.451,00 €
DN 150, ANSI 6"	2 H	1.460,00 €
DN 200, ANSI 8"	2 J	1.538,00 €
DN 250, ANSI 10"	2 K	1.631,00 €
DN 300, ANSI 12"	2 L	1.723,00 €

FI flowmeter Type Gardex

7ME5842 -  price

Type 4

Ring: steel with rubber liner
Baffle plate: Hastelloy

DN 25 , ANSI 1"	3	A	2.446,00 €
DN 40, ANSI 1 1/2"	3	B	2.446,00 €
DN 50, ANSI 2"	3	C	2.646,00 €
DN 65, ANSI 2 1/2 "	3	D	2.615,00 €
DN 80, ANSI 3"	3	E	2.708,00 €
DN 100, ANSI 4"	3	F	2.738,00 €
DN 125, ANSI 5"	3	G	2.769,00 €
DN 150, ANSI 6"	3	H	2.846,00 €
DN 200, ANSI 8"	3	J	2.785,00 €
DN 250, ANSI 10"	3	K	2.862,00 €
DN 300, ANSI 12"	3	L	2.962,00 €

Type 5

Ring: steel with Hastelloy liner
Baffle plate: Hastelloy

DN 25 , ANSI 1"	4	A	3.862,00 €
DN 40, ANSI 1 1/2"	4	B	4.031,00 €
DN 50, ANSI 2"	4	C	4.400,00 €
DN 65, ANSI 2 1/2 "	4	D	4.677,00 €
DN 80, ANSI 3"	4	E	4.985,00 €
DN 100, ANSI 4"	4	F	on request
DN 125, ANSI 5"	4	G	on request
DN 150, ANSI 6"	4	H	on request
DN 200, ANSI 8"	4	J	on request
DN 250, ANSI 10"	4	K	on request
DN 300, ANSI 12"	4	L	on request

Measuring range

Liquid measurement

Small	A	- €
Medium	B	- €
Large	C	- €

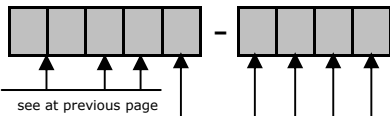
Gas measurement

Small	D	- €
Medium	E	- €
Large	F	- €
Special measuring range (specify in plain text)	Z	- €

Connection standard

DIN 2501 (BS 4504) PN 10/16 to DN 250	1	- €
ANSI B 16.5	2	229,00 €
Other flanges	9	on request

FI flowmeter Type Gardex

7ME5842 -  - price

Temperature shield

Without (standard)	0	- €
With stainl.steel temp.shield (130 to 250°C) 266 to 482°F))	2	178,00 €

Gasket material

Buna N (standard)	1	- €
Viton	4	14,00 €
Klinger SIL C 4500	5	6,00 €

Display

With local display (standard)	A	- €
With magnet spring contact	B	49,00 €
With inductive contact	C	49,00 €
With electr. Remote transmitter (0 to 20 mA)	D	675,00 €
With electr. Remote transmitter (4 to 20 mA)	E	675,00 €

Contact function

no contact	A	- €
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For magnet spring contacts:

Closes on upward or downward violation of limit.	D	133,00 €
Opens on upward or downward violation of limit	E	133,00 €
Closes on downward violation, opens on upward violation of limit	G	133,00 €
Opens on downward violation, closes on upward violation of limit	H	133,00 €

for inductive contacts:

Opens on downward violation of limit	J	212,00 €
Closes on downward violation of limit	K	212,00 €
Closes on upward or downward violation of limit	L	448,00 €
Opens on upward or downward violation of limit	M	448,00 €
Closes on downward violation, opens on upward violation of limit	N	448,00 €
Opens on downward violation, closes on upward violation of limit	P	448,00 €

Flow direction

Downwards (vertical pipeline)	1	- €
Upwards (vertical pipeline)	2	- €
From left to right (horizontal pipeline)	3	- €
From right to left (horizontal pipeline)	4	- €

Further designs

Measured medium	B06	- €
Silicone-free version	Y01	86,00 €
Calibration certificate (not for the electr. Remote transmitter)	Y04	54,00 €