

Diaphragm metering pump EcoPro / EcoEvo / EcoAdd

EcoAdd



EcoPro



EcoEvo



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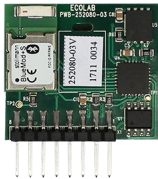
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7 Accessories

7.1 General accessories



Article

Article no.

Bluetooth board

252080

for upgrading EcoAdd pumps
for data exchange via Bluetooth



Adapter cable

for connecting existing EMP pump connections, when
replacing EMP pumps with Eco pumps.

Adapter cable, control input, EMP – EcoAdd

252082

Adapter cable, output, EMP – EcoAdd

252083

Article

Article no.



Oval gear meter

for volumetric measurement of the rate of flow

**Ordering data are to be found in chapter
„Measuring and Controlling, Oval Gear Meter“**



Contact Water Meter

For volume-proportional applications, we recommend the use of contact water meters from our product range.

**Ordering data are to be found in chapter
„Measuring and Controlling, Contact Water Meter“**



Signal horn with integrated red flashlight

230 V / 50 Hz / IP 33 RO

418271053

7.2 Accessories 5 l/h and 11 l/h

7.2.1 Connection material



Article

Article no.

Connection set for PE/PTFE hose 4/6 mm (only for 5 l/h)

Connection set Di4/Da6-G3/8-PP-GY
Connection set Di4/Da6-G3/8-PVDF-NA

[252102](#)
252101

Connection set for PE/PTFE hose 5/8 mm

Connection set Di5/Da8-G3/8-PP-GY
Connection set Di5/Da8-G3/8-PVDF-NA

252104
252103

Connection set for PE/PTFE hose 6/8 mm

Connection set Di6/Da8-G3/8-PP-GY
Connection set Di6/Da8-G3/8-PVDF-NA

252106
252105

Connection set for PE/PTFE hose 1/4" / 3/8"

Screw-on connection PP, G3/8" – DN 1/4" / 3/8"
Screw-on connection PVDF, G3/8" – DN 1/4" / 3/8"

415102350
415102304

Connection set for PE/PTFE hose 6/10 mm

Screw-on connection PVDF, G3/8" - 6/10 mm

415102352

Connection set for PVC hose 6/12 mm

Connection set Di6/Da12-G3/8-PP-GY
Connection set Di6/Da12-G3/8-PVDF-NA

252108
252107

Connection set for PE/PTFE hose 4/6 and 6/8 mm and PVC hose 6/12 mm

Connection set Di/Da 4/6-6/8-6/12-G3/8-PP-GY
Connection set Di/Da 4/6-6/8-6/12-G3/8-PV-NA

252137
252138

7.2.2 Suction lances

Ecolab suction lances include a protective function as well as a monitoring function. A sieve protects the metering pump from coarse particles, and a ball check valve prevents the suction line from running empty. At the same time, level messages for the states "pre-warning" and "empty" are provided via two float switches.

Note:

All components with moving parts are subject to wear, including suction lances.

We therefore recommend inspecting the suction lances for leaks and proper functioning at all service appointments and replacing them if necessary.



Article

Article no.

Suction lances D16 with reserve and empty signal report

incl. ball non-return valve, suction strainer, potential-free contacts for level pre-warning and empty signal (when dropping below the level = contact interrupted).

Tube diameter: 16 mm
Material: see suction lance code
Connection cable: 3-pin plug incl. 5 m cable
Turn-on voltage: max. 48 V AC/DC
Switching current: 0.5 A
Rupturing capacity: 8 W / 8 VA

A-SGL-VVF0C-G3/8-06-2SS-0540-99-99-p

10240524

A-SGL-VVF0C-G3/8-06-2SS-0750-99-99-p

10240525

A-SGL-VVF0C-G3/8-06-2SS-1125-99-99-p

10240526

Suction lance code, see next page!

Note:

Hose connection set has to be ordered separately, see **7.2.1 Connection material**.

Article

Article no.



Suction lances D32 with reserve and empty signal report

incl. of ball non-return valve, suction strainer and potential-free contacts for level pre-warning and empty signal (when dropping below the level = contact interrupted).

Tube diameter: 32 mm
Material: see suction lance code
Connection cable: 3-pin plug incl. 5 m cable
Turn-on voltage: max. 50 V AC/DC
Switching current: 0.5 A
Rupturing capacity: 10 W / 10 VA

A-SGL-VDFEC-G5/8-10-2SS-0475-99-99-p	10240410
A-SGL-VDFEC-G5/8-10-2SS-0725-99-99-p	10240411
A-SGL-VDFEC-G5/8-10-2SS-1125-99-99-p	10240412
A-SGL-VDFEC-G5/8-10-2SS-1300-99-99-p	10240413

Suction lance code, see next page!

Note:

Hose connection set has to be ordered separately,
see **7.3.1 Connection material**.



Protection tube for suction lances, D32

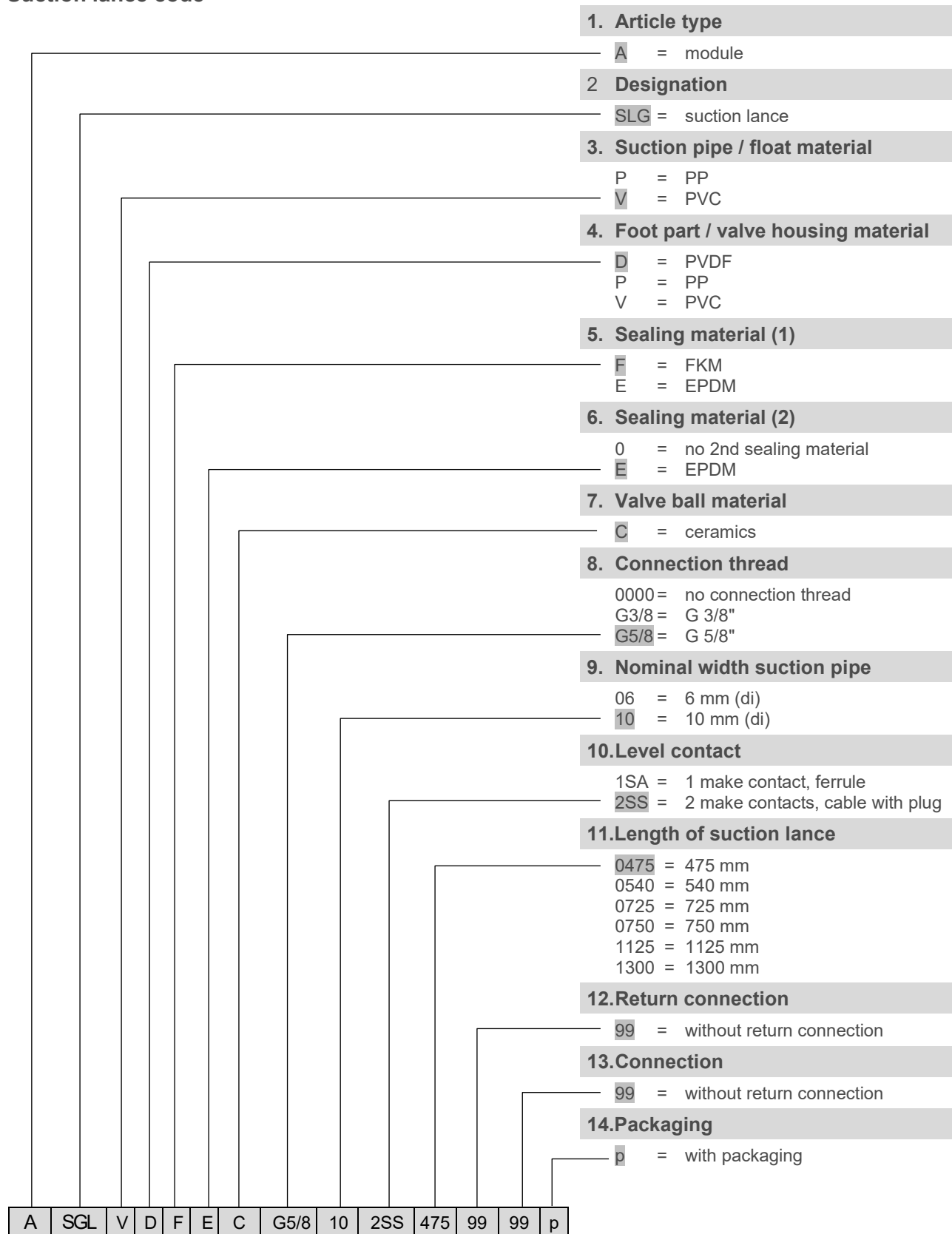
286191

PVDF, 32.5/40 (ID/AD)

for prevention of mechanical damage of the suction valve
and the float respectively
suitable for all suction lances Ø 32 mm

incl. fastening screw

Suction lance code



7.2.3 Suction lance adaptors

	Article	Article no.
	Adaptor – screw cap for suction lance Ø 16 mm Thread pitch: 5 mm Threaded int. diameter: 50 mm Threaded ext. diameter: 55 mm Hole diameter: 25 mm can be screwed on: canister 10 l and 20 l	38619003
	as 38619003 but with Threaded int. diameter: 56 mm Threaded ext. diameter: 61 mm can be screwed on: canister 30 l or container 60 – 200 l	38619004
	as 38619004 but with return hole	247627
	Adaptor – insert cap for suction lance Ø 32 mm PVC soft to attach on: canister 10 l and 20 l	286198
	Adaptor – insert cap for suction lance Ø 32 mm PVC – hard / Viton B appropriate for degassing products Return connection: 4/6, 6/8 or 6/12 mm (int.Ø / ext.Ø) Vent connection: 6/12 mm (int.Ø / ext.Ø) to attach on: canister 30 l or container 60 – 200 l	288534
	Adaptor – screw joint for suction lance Ø 32 mm PVC hard Thread pitch: 5 mm Threaded int. diameter: 56 mm Threaded ext. diameter: 61 mm can be screwed on: canister 30 l or container 60 – 200 l	286197



Article

Article no.

Adaptor – screw joint

288535

for suction lance Ø 32 mm
PVC – hard / Viton B / silicone
appropriate for **degassing products**
Return connection: 4/6, 6/8 or 6/12 mm (int.Ø /ext.Ø)
Vent connection: 6/12 mm (int.Ø /ext.Ø)
Thread pitch: 5 mm
Threaded int. diameter: 63 mm
Threaded ext. diameter: 69 mm
for barrel with internal thread (L–ring plus barrel 220 l)



Adapter screw connection

288570

for suction lance Ø 32 mm
PVC – hard / Viton B / Silicon
suitable for degassing products
Return connection: 4/6, 6/8 or 6/12 mm (int./ext.Ø)
Vent connection: 6/12 mm (int./ext.Ø)
Thread pitch: 2.31 mm
Threaded int. diameter: 56.66 mm
Threaded ext. diameter: 59.61 mm
for container screw cap with 2" internal thread



Adapter

419800026

2" internal thread for adapter screw connection **288570**
Tri-Sure external thread for container screw cap



Suction lance adapter, rigid PVC/Viton B

288549

for canister or barrel



Suction lance adapter, rigid PVC/Viton B

288547

for barrels (l-ring plus – barrel 220)



Suction lance adapter, rigid PVC/Viton B

288548

for container (ECOBULK-container with skid pallet)
for screw in in screw cap with 2"
Tri-Sure-Stuffing

Article

Article no.



Terminal box for connection cable of the suction pipe

288419

for connection cable with round plug
incl. cable union PG 7 (max. 2 x 1 m²)

7.2.4 Bottom admission valve

Bottom suction valves protect against dirt and coarse particles by means of a suction strainer. The integrated ball check valve prevents the suction line from running empty.

Note:

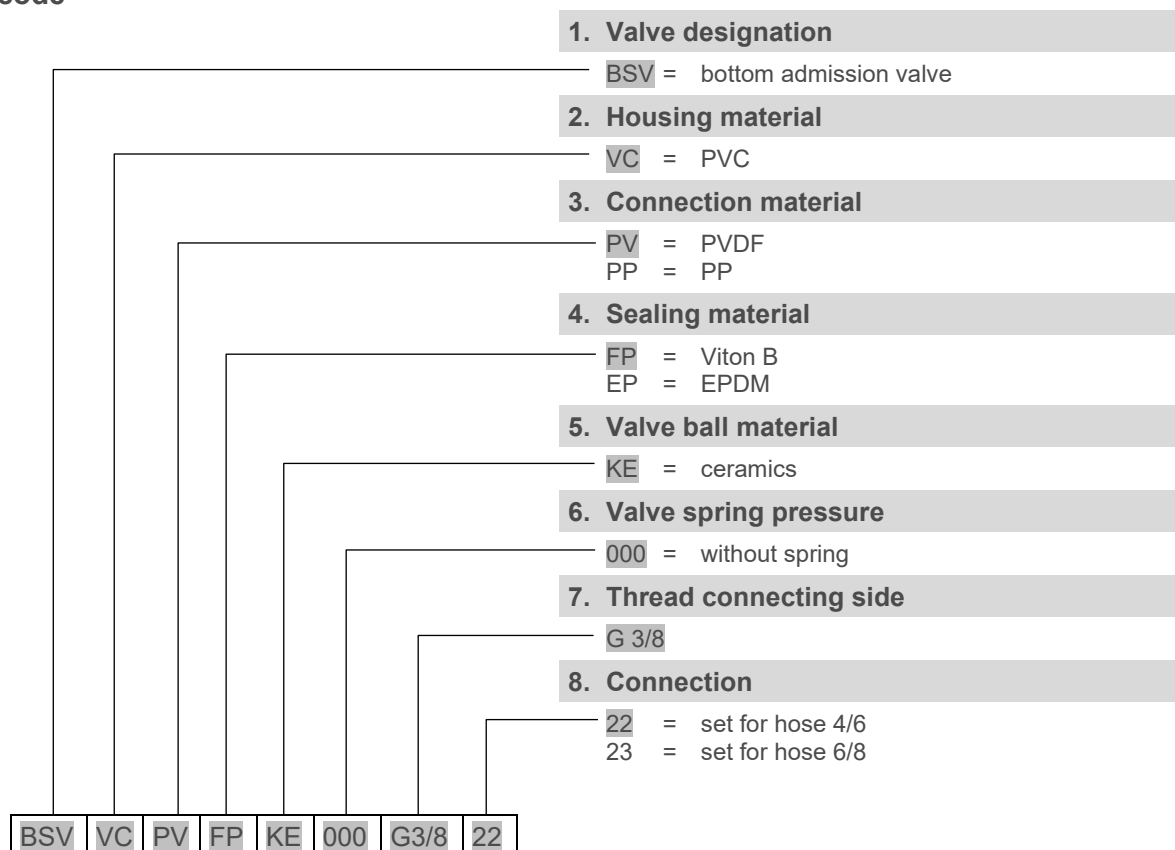
All components with moving parts are subject to wear, including bottom suction valves.

We therefore recommend inspecting the bottom suction valves for leaks and proper functioning at all service appointments and replacing them if necessary.



Article	Article no.
BSV VC PP FP KE 000 G 3/8 - 22	243125
BSV VC PP FP KE 000 G 3/8 - 23	243126
BSV VC PP EP KE 000 G 3/8 - 22	243127
BSV VC PP EP KE 000 G 3/8 - 23	243128
BSV VC PV FP KE 000 G 3/8 - 22	243129
BSV VC PV FP KE 000 G 3/8 - 23	243130
BSV VC PV EP KE 000 G 3/8 - 22	243131
BSV VC PV EP KE 000 G 3/8 - 23	243132

Article code



7.2.5 Degas valve

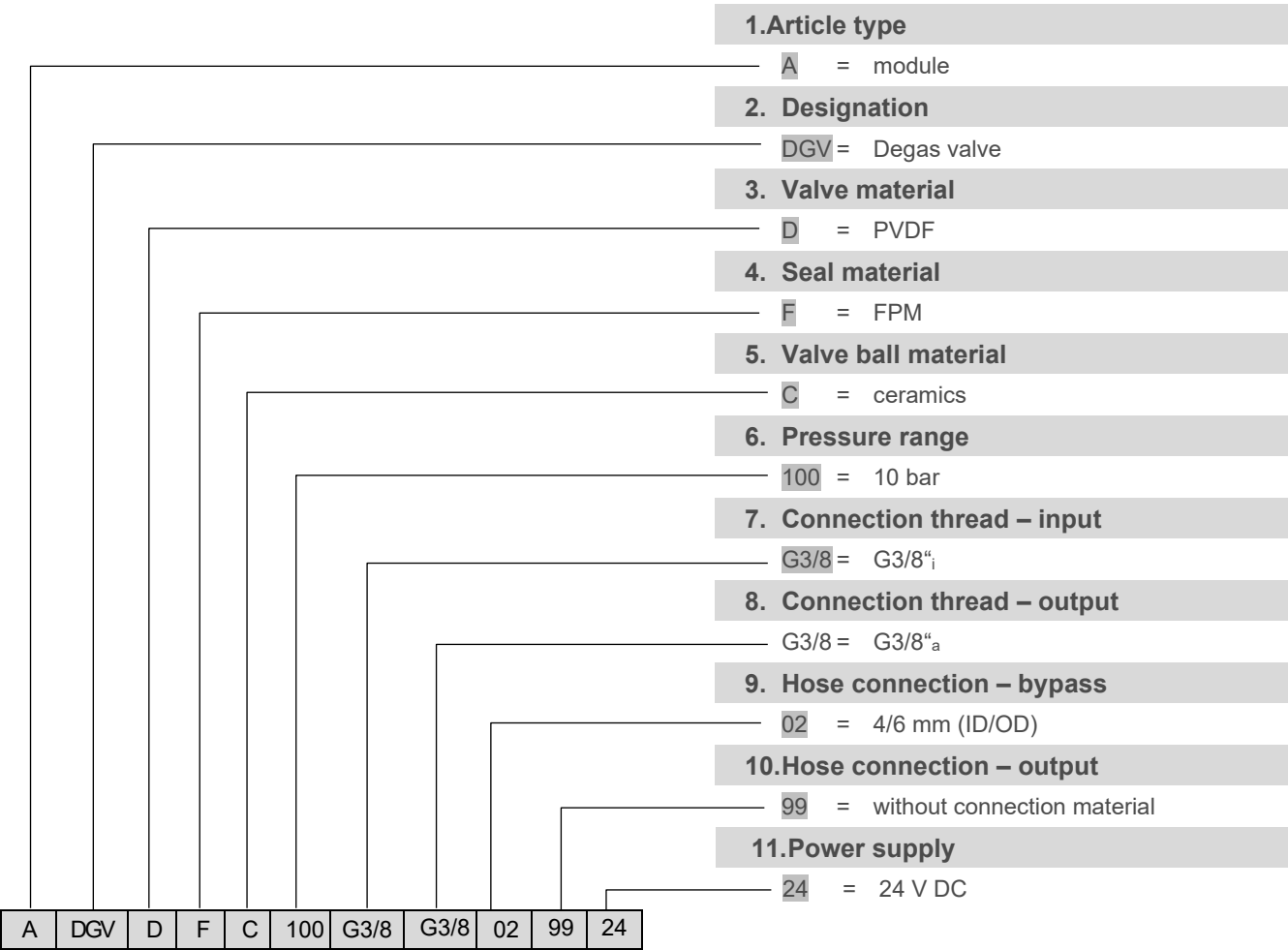
The Degas valve is used for automatic venting of the pump head in applications with highly outgassing dosing media. The valve can be mounted directly on the pump head, the electrical connection is made at the control terminal block of the pump. The required settings can be conveniently made in the pump menu.



Article	Article no.
Degas valve with Degas control cable (0.5 m) and plug A-DGV-DFC100-G3/8-G3/8 -02-99-24	10240163

Note:
Hose connection set has to be ordered separately, see 7.2.1 Connection material.

Article code



7.2.6 Multifunction valve

Multi-function valves are safety components and are used to protect the piping system and the metering pump against impermissible high pressures. They also increase the metering accuracy of the system and enable reliable start-up and maintenance of the system.

A multi-function valve combines the following functions: **Overflow, pressure maintenance, venting and draining.**

Note:

All components with moveable parts are subject to wear, including multi-function valves.

We therefore recommend inspecting the multi-function valves for leaks and proper functioning at all service appointments and replacing them if necessary.

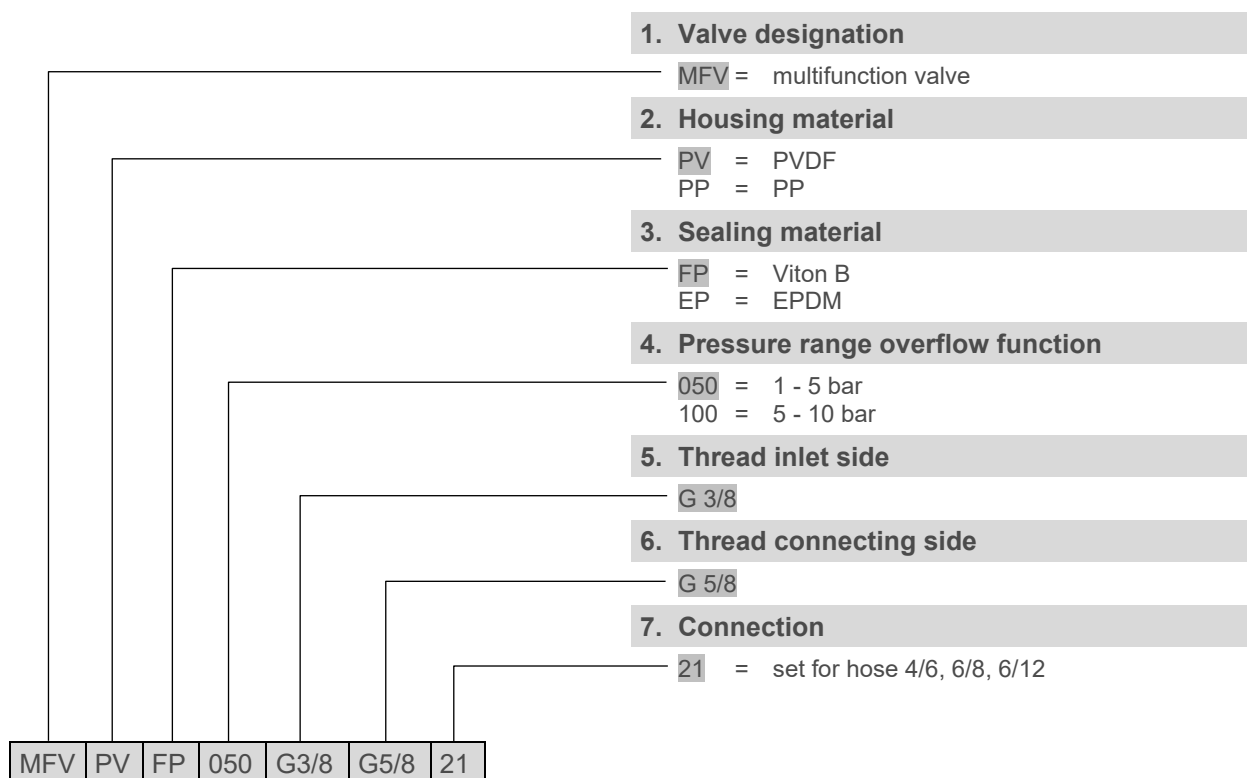


Article

Article no.

MFV PP FP 100 G 3/8 – G 5/8 – 21	249247
MFV PP EP 100 G 3/8 – G 5/8 – 21	249267
MFV PV FP 100 G 3/8 – G 5/8 – 21	249241
MFV PV EP 100 G 3/8 – G 5/8 – 21	249261

Article code



7.2.7 Metering valve

Ecolab metering valves are designed as spring-loaded ball valves or as hose valves (bicycle valve principle). They prevent the dosing line from running empty and thus increase the metering accuracy of the system.

Note:

All components with moveable parts are subject to wear, including metering valves.

We therefore recommend inspecting the metering valves for leaks and proper functioning at all service appointments and replacing them if necessary.



Article

Article no.

Metering valves with ball valve

DVP PPFC-H03-G1/4-G3/8-045-S00	252150
DVP PPEC-H03-G1/4-G3/8-045-S00	252151
DVP DDFC-H03-G1/4-G3/8-045-S00	252153
DVP DDEC-H03-G1/4-G3/8-045-S00	252154
DVP PPFC-H03-G1/2-G3/8-045-S00	252155
DVP PPEC-H03-G1/2-G3/8-045-S00	252156
DVP DDFC-H03-G1/2-G3/8-045-S00	252157
DVP DDEC-H03-G1/2-G3/8-045-S00	252158



Metering valves with hose valve (for chloric products)

DVT PPFC-H18-G1/4-G3/8-025-S00	252159
DVT PPEC-H18-G1/4-G3/8-025-S00	252160
DVT DDFC-H18-G1/4-G3/8-025-S00	252161
DVT DDEC-H18-G1/4-G3/8-025-S00	252162
DVT PPFC-H18-G1/2-G3/8-040-S00	252163
DVT PPEC-H18-G1/2-G3/8-040-S00	252164
DVT DDFC-H18-G1/2-G3/8-040-S00	252165
DVT DDEC-H18-G1/2-G3/8-040-S00	252166

Note:

Hose connection set has to be ordered separately, see **7.2.1 Connection material**.



Article

Article no.

Hot-water metering area

consisting of:

Metering valve with metering pipe

DVP SDFS-H04-G1/2-G1/4-041-G41

240153

and

Cooling stretch

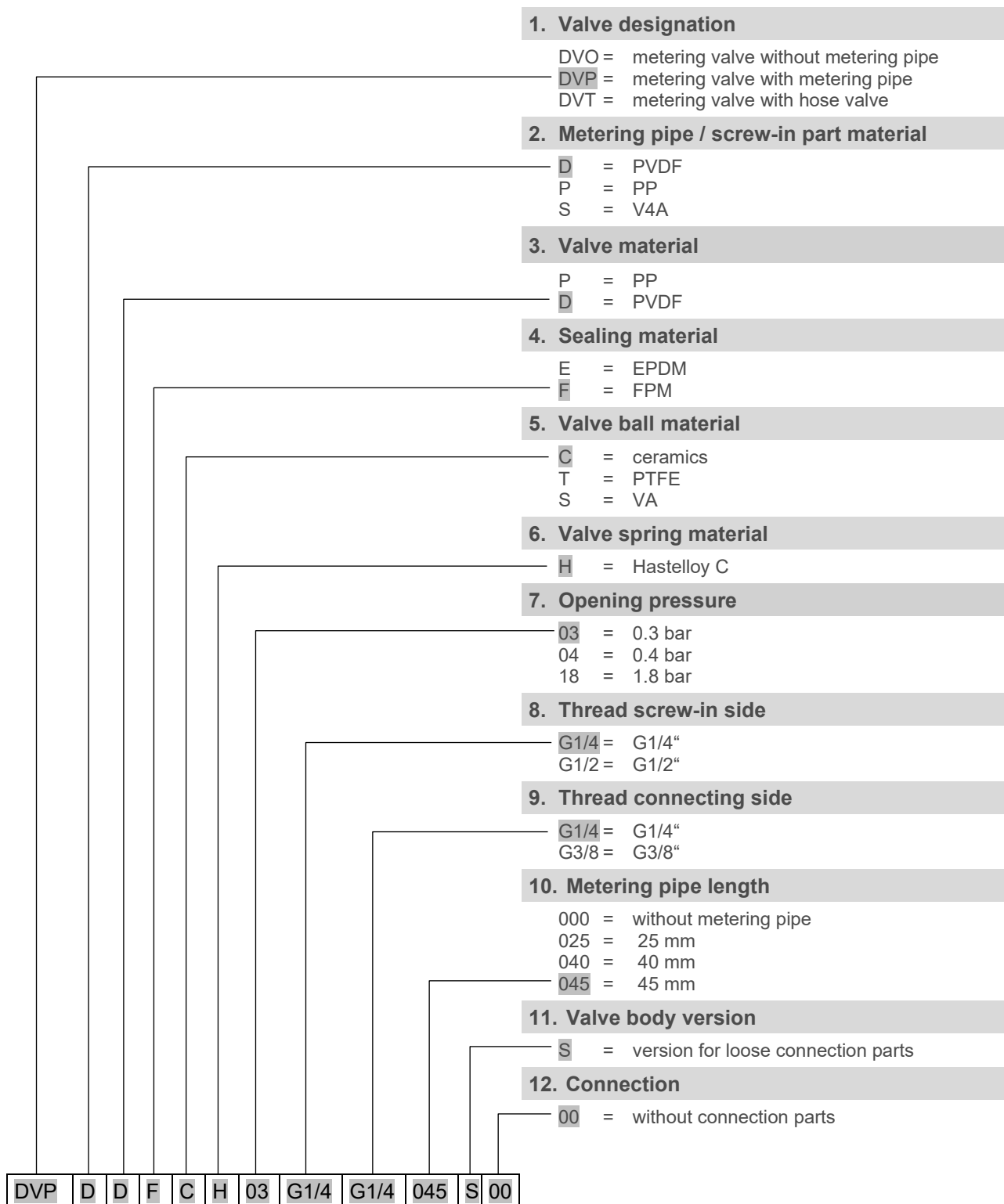
248411

stainless steel spiral-pipe da 8 mm

with adapter and connection material for hose 4/6, 6/8 and 6/12 mm
(ID/AD)

Temperature resistance: **max. 130 °C**

Metering valve code



7.2.8 Suction and pressure lines

	Article		Article no.
	Suction and pressure lines		
	available by the metre (int.Ø / ext.Ø)	max. operating pressure [bar] at 20 °C	
	PVC-fabric 6/12 mm	16	417400123
	PE hose 4/6 mm	12	417400301
	PE hose 5/8 mm	13	417400300
	PE hose 6/8 mm	8	417400310
	PE hose 6/10 mm	15	417400302
	PTFE hose 4/6 mm	12	417400215
	PTFE hose 5/8 mm	14	417400213
	PTFE hose 6/8 mm	9	417400224
	PTFE hose 6/10 mm	15	417400216

Note: PVC hoses
PVC hoses only have a limited service life!
Especially when metering alkaline media or under heavy mechanical load, the service life can drop to less than 6 months.

Other hose materials
The service life of other hose materials is also limited!
Depending on the metering medium and the mechanical load, the service life can vary greatly.

We therefore recommend checking the dosing hoses at all service appointments and replacing them if necessary.

7.3 Accessories 30 l/h and 50 l/h

7.3.1 Connection material



Article	Article no.
Connection set for PE/PTFE hose 6/10 mm	
Screw-on connection PVDF, G5/8 _i - 6/10 mm	415102353
Connection set for PVC hose 6/12 and 10/16 mm	
Connection set Di/Da 6/12-10/16-G5/8-PP-GY	249237
Connection set Di/Da 6/12-10/16-G5/8-PV-NA	249216
Connection set for PE/PTFE hose 9/12 mm	
Connection set Di9/Da12-G5/8-PP-GY	252116
Connection set Di9/Da12-G5/8-PVDF-NA	252115
Connecting parts for pipe connection DN8/d12	
Union nut PP G5/8"	34500228
Insertion part (welded sleeve) PP DN8/d12 - 5/8"	34900246
Union nut PVDF G5/8"	34500134
Insertion part (welded sleeve) PVDF DN8/d12 - 5/8"	34900196
Connecting parts for transition to standard thread	
Screw-on connection PP G5/8 _i – 1/2 _a NPT	34900273
Screw-on connection PVDF G5/8 _i – 1/2 _a NPT	34900274

7.3.2 Suction lances

Ecolab suction lances include a protective function as well as a monitoring function. A sieve protects the metering pump from coarse particles, and a ball check valve prevents the suction line from running empty. At the same time, level messages for the states "pre-warning" and "empty" are provided via two float switches.

Note:

All components with moving parts are subject to wear, including suction lances.

We therefore recommend inspecting the suction lances for leaks and proper functioning at all service appointments and replacing them if necessary.



Article

Article no.

Suction lances D32 with reserve and empty signal report

incl. of ball non-return valve, suction strainer and potential-free contacts for level pre-warning and empty signal (when dropping below the level = contact interrupted).

Tube diameter: 32 mm
Material: see suction lance code
Connection cable: 3-pin plug incl. 5 m cable
Turn-on voltage: max. 50 V AC/DC
Switching current: 0.5 A
Rupturing capacity: 10 W / 10 VA

A-SGL-VDFEC-G5/8-10-2SS-0475-99-99-p	10240410
A-SGL-VDFEC-G5/8-10-2SS-0725-99-99-p	10240411
A-SGL-VDFEC-G5/8-10-2SS-1125-99-99-p	10240412
A-SGL-VDFEC-G5/8-10-2SS-1300-99-99-p	10240413

Suction lance code, see next page!

Note:

Hose connection set has to be ordered separately, see **7.3.1 Connection material**.



Protection tube for suction lances, D32

286191

PVDF, 32.5/40 (ID/AD)

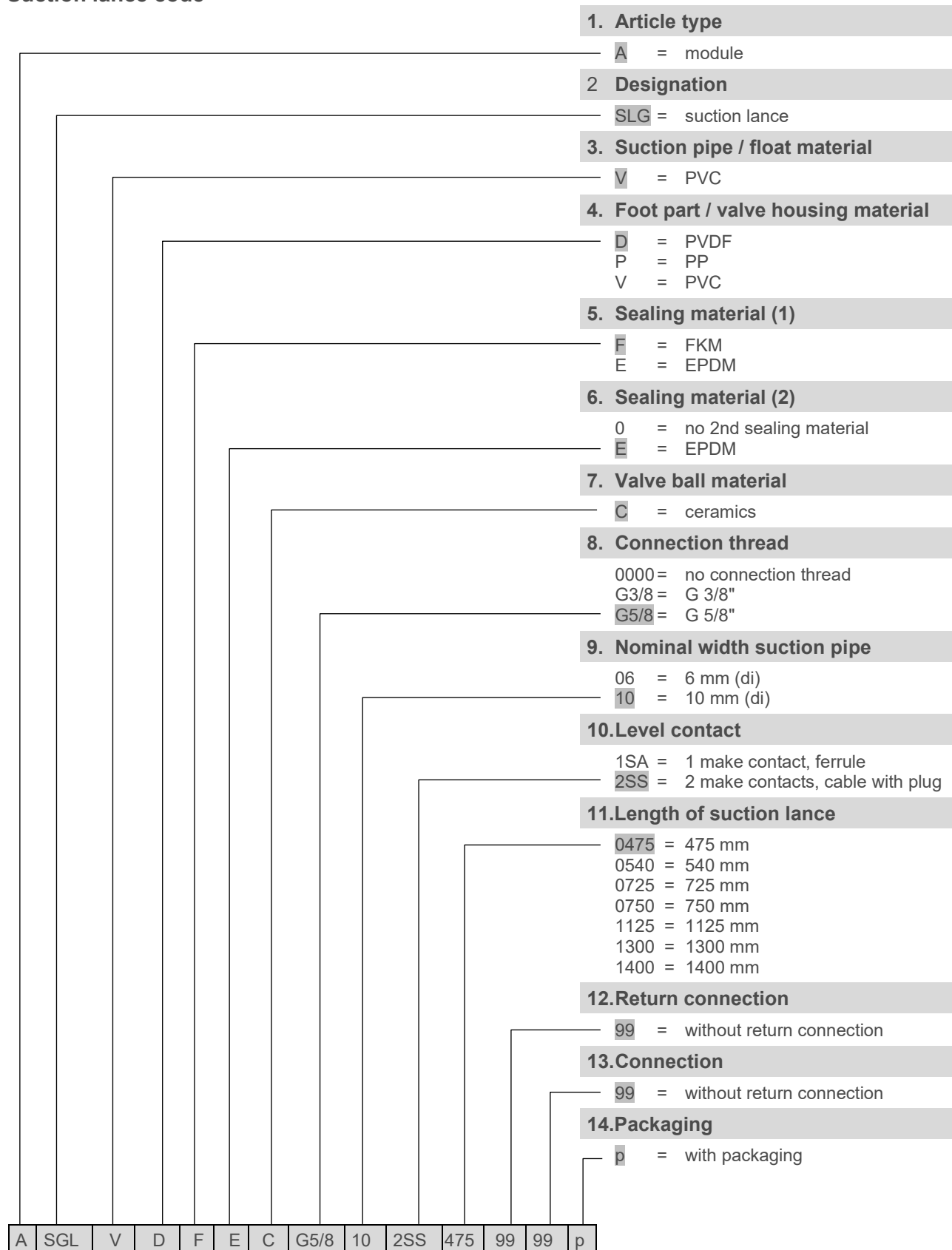
for prevention of mechanical damage of the suction valve and the float respectively
suitable for all suction lances Ø 32 mm

incl. fastening screw

Diaphragm metering pump EcoPro / EcoEvo / EcoAdd Accessories 30 l/h and 50 l/h (EcoEvo only 30 l/h)



Suction lance code



7.3.3 Suction lance adaptors

	Article	Article no.
	Adaptor – insert cap for suction lance Ø 32 mm PVC soft to attach on: canister 10 l and 20 l	286198
	Adaptor – screw joint for suction lance Ø 32 mm PVC hard Thread pitch: 5 mm Threaded int. diameter: 56 mm Threaded ext. diameter: 61 mm can be screwed on: canister 30 l or container 60 – 200 l	286197
	Suction lance adaptor, D 32, rigid PVC/Viton B for canister or barrel	288549
	Suction lance adaptor, D 32, rigid PVC/Viton B for barrels (l-ring plus – barrel 220)	288547
	Suction lance adaptor, rigid PVC/Viton B for container (ECOBULK-container with skid pallet) for screw in in screw cap with 2" Tri-Sure-Stuffing	288548



Article

Article no.

Adaptor – insert cap

288534

for suction lance Ø 32 mm

PVC – hard / Viton B

appropriate for **degassing products**

Return connection: 4/6, 6/8 or 6/12 mm (int.Ø /ext.Ø)

Vent connection: 6/12 mm (int.Ø /ext.Ø)

to attach on: canister 30 l **or**
container 60 – 200 l



Adaptor – screw joint

288535

for suction lance Ø 32 mm

PVC – hard / Viton B / silicone

appropriate for **degassing products**

Return connection: 4/6, 6/8 or 6/12 mm (int.Ø /ext.Ø)

Vent connection: 6/12 mm (int.Ø /ext.Ø)

Thread pitch: 5 mm

Threaded int. diameter: 63 mm

Threaded ext. diameter: 69 mm

for barrel with internal thread (L-ring plus barrel 220 l)



Terminal box for connection cable of the suction pipe

288419

for connection cable with round plug

incl. cable union PG 7 (max. 2 x 1 m²)

7.3.4 Bottom admission valve

Bottom suction valves protect against dirt and coarse particles by means of a suction strainer. The integrated ball check valve prevents the suction line from running empty.

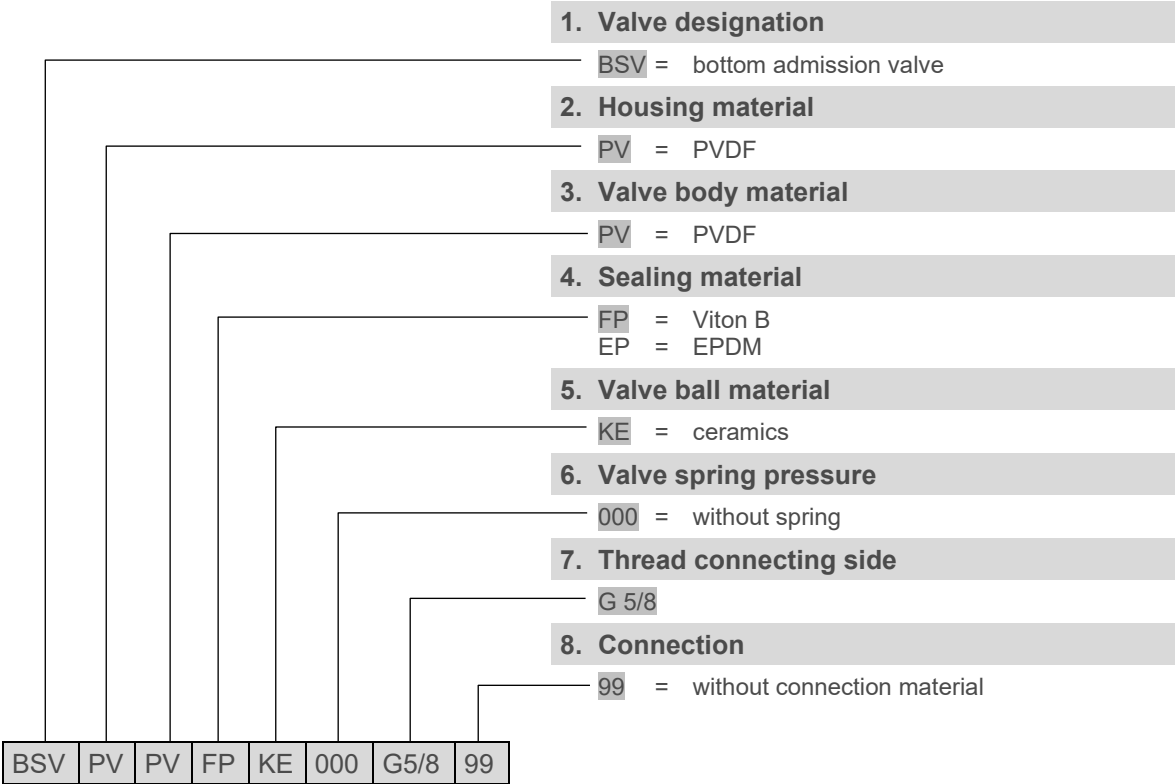
Note:
All components with moving parts are subject to wear, including bottom suction valves.
We therefore recommend inspecting the bottom suction valves for leaks and proper functioning at all service appointments and replacing them if necessary.



Article	Article no.
BSV PV PV FP KE 000 G 5/8 – 99	249018
BSV PV PV EP KE 000 G 5/8 – 99	249024

Note:
Hose connection set has to be ordered separately,
see 7.3.1 Connection material.

Article code



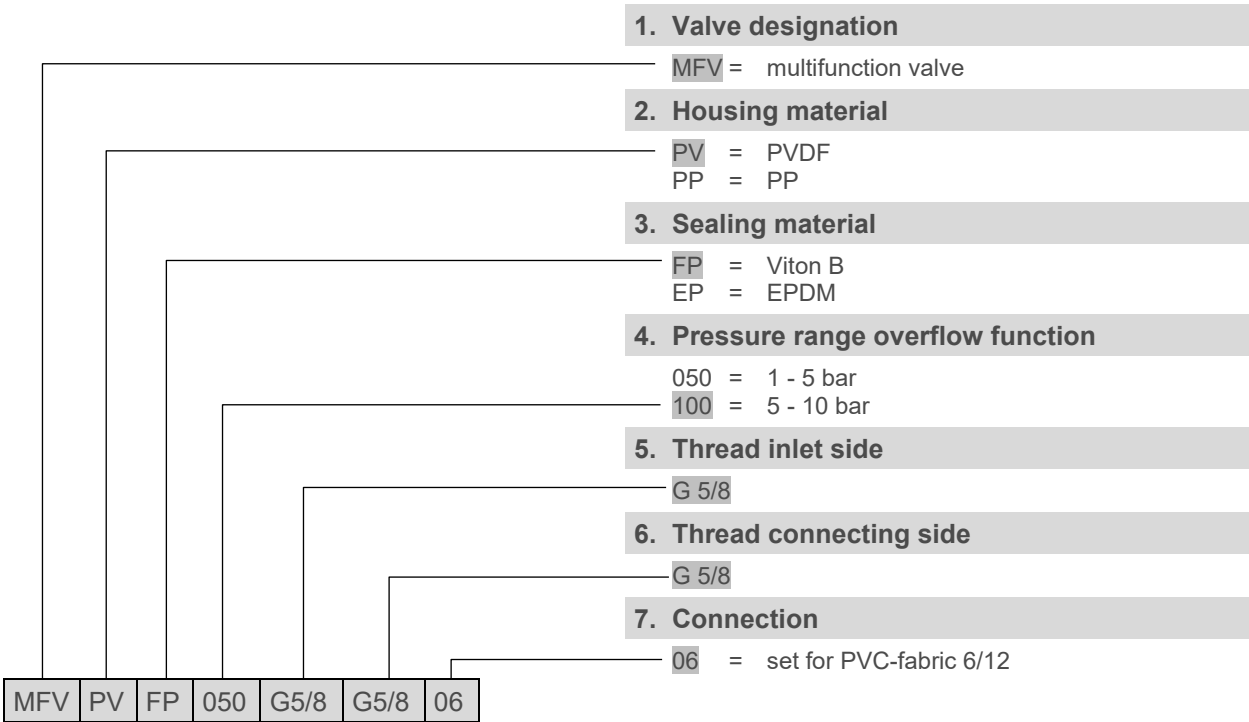
7.3.5 Multifunction valve

Multi-function valves are safety components and are used to protect the piping system and the metering pump against impermissible high pressures. They also increase the metering accuracy of the system and enable reliable start-up and maintenance of the system.
A multi-function valve combines the following functions: **Overflow, pressure maintenance, venting** and **draining**.

Note:
All components with moveable parts are subject to wear, including multi-function valves.
We therefore recommend inspecting the multi-function valves for leaks and proper functioning at all service appointments and replacing them if necessary.

	Article	Article no.
	Pump type 30	
	MFV PP FP 50 G 5/8 – G 5/8 – 06	249248
	MFV PP EP 50 G 5/8 – G 5/8 – 06	249268
	MFV PV FP 50 G 5/8 – G 5/8 – 06	249242
	MFV PV EP 50 G 5/8 – G 5/8 – 06	249262
	Pump type 50	
	MFV PP FP 100 G 5/8 – G 5/8 – 06	249249
	MFV PP EP 100 G 5/8 – G 5/8 – 06	249269
	MFV PV FP 100 G 5/8 – G 5/8 – 06	249243
	MFV PV EP 100 G 5/8 – G 5/8 – 06	249263

Article code



7.3.6 Metering valve

Ecolab metering valves are designed as spring-loaded ball valves. They prevent the dosing line from running empty and thus increase the metering accuracy of the system.

Note:

All components with moveable parts are subject to wear, including metering valves.

We therefore recommend inspecting the metering valves for leaks and proper functioning at all service appointments and replacing them if necessary.



Article

Article no.

Metering valve with metering pipe

DVP PPFC-H07-G1/2-G5/8-045-S00	252177
DVP PPEC-H07-G1/2-G5/8-045-S00	252178
DVP DDFC-H07-G1/2-G5/8-045-S00	252179
DVP DDEC-H07-G1/2-G5/8-045-S00	252180

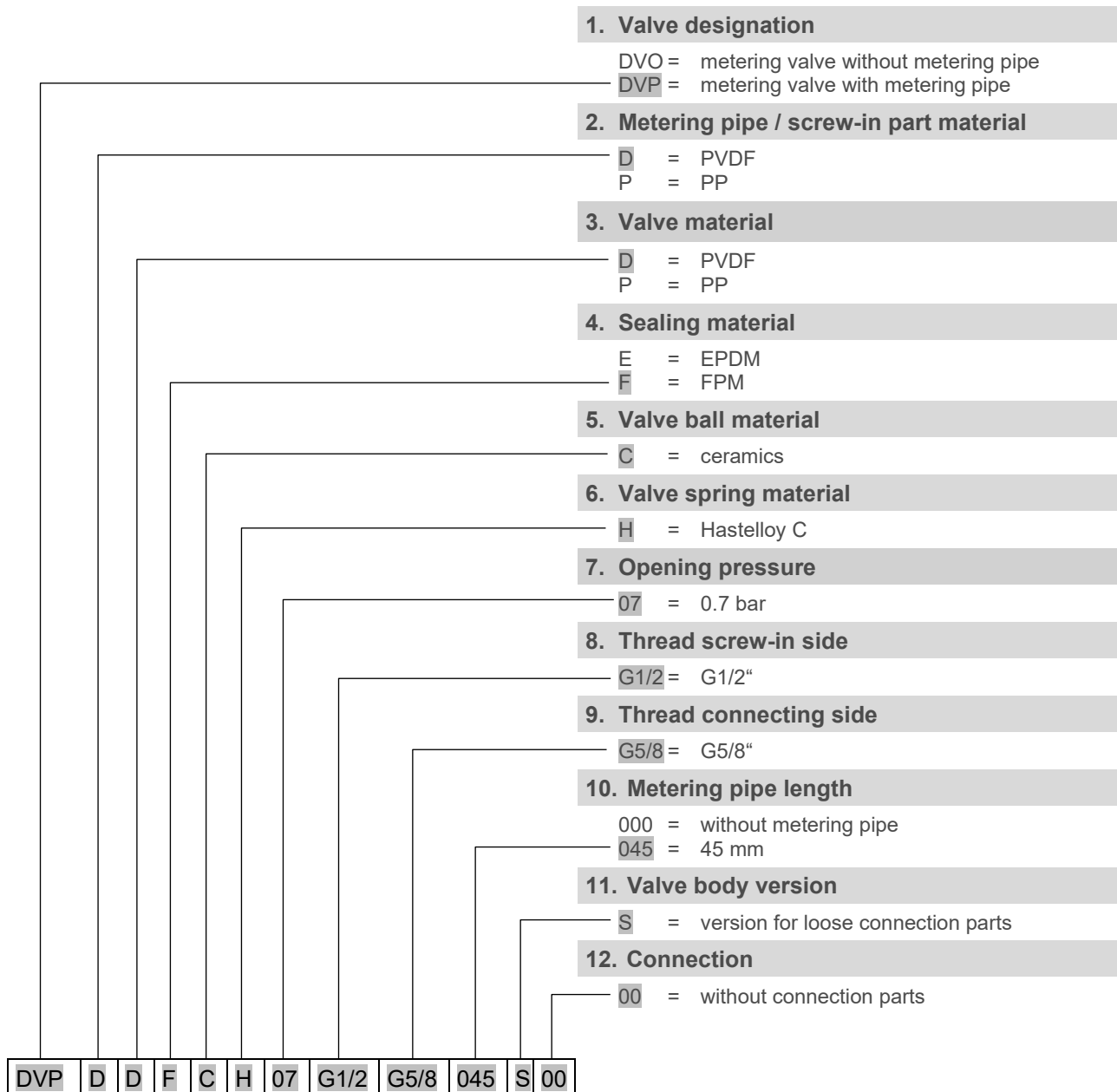
Metering valve without metering pipe

DVO PPFC-H07-G1/2-G5/8-000-S00	252173
DVO PPEC-H07-G1/2-G5/8-000-S00	252174
DVO DDFC-H07-G1/2-G5/8-000-S00	252175
DVO DDEC-H07-G1/2-G5/8-000-S00	252176

Note:

Hose connection set has to be ordered separately,
see **7.3.1 Connection material**.

Metering valve code



7.3.7 Suction and pressure lines

Article		Article no.	
Suction and pressure lines			
available by the metre (int.Ø / ext.Ø)		max. operating pressure [bar] at 20 °C	
	PVC-fabric 6/12 mm	16 bar	417400123
	PVC-fabric 10/16 mm	16 bar	417400126
	PE hose 6/8 mm	8 bar	417400310
	PE hose 9/12 mm	9 bar	417400304
	PTFE hose 6/8 mm	9 bar	417400224
	PTFE hose 9/12 mm	9 bar	417400281

Note: PVC hoses
PVC hoses only have a limited service life!
Especially when metering alkaline media or under heavy mechanical load, the service life can drop to less than 6 months.

Other hose materials
The service life of other hose materials is also limited!
Depending on the metering medium and the mechanical load, the service life can vary greatly.

We therefore recommend checking the dosing hoses at all service appointments and replacing them if necessary.

7.4 Accessories 120 l/h

7.4.1 Connection material

Article	Article no.
Connection set for PVC hose 12/21 mm	
Connection set Di12/Da21-G11/4-PP-GY	249238
Connection set Di12/Da21-G11/4-PVDF-NA	249258
Connecting parts for pipe connection DN20/d25	
Union nut PP G1¼"	415099835
Insertion part (welded sleeve) PP DN20/d25 - 1¼"	415099709
Union nut PVDF G1¼"	415099072
Insertion part (welded sleeve) PVDF DN20/d25 - 1¼"	415099033
Connecting parts for transition to standard thread	
Union nut PP G1¼"	415099835
Insertion part PP G1½ _i " - 1¼"	34950259
Insertion part PP G1 _a " (NPT) - 1¼"	34900276
Union nut PVDF G1¼"	415099072
Insertion part PVDF G1½ _i " - 1¼"	34950235
Insertion part PVDF G1 _a " (NPT) - 1¼"	34900277

7.4.2 Suction lances

Ecolab suction lances include a protective function as well as a monitoring function. A sieve protects the metering pump from coarse particles, and a ball check valve prevents the suction line from running empty. At the same time, level messages for the states "pre-warning" and "empty" are provided via two float switches.

Note:

All components with moving parts are subject to wear, including suction lances.

We therefore recommend inspecting the suction lances for leaks and proper functioning at all service appointments and replacing them if necessary.



Article

Article no.

Suction lances D32 with reserve and empty signal report

incl. of ball non-return valve, suction strainer and potential-free contacts for level pre-warning and empty signal (when dropping below the level = contact interrupted).

Tube diameter: 32 mm
Material: see suction lance code
Connection cable: 3-pin plug incl. 5 m cable
Turn-on voltage: max. 50 V AC/DC
Switching current: 0.5 A
Rupturing capacity: 10 W / 10 VA

A-SGL-VDFEC-G5/8-10-2SS-0475-99-99-p

10240410

A-SGL-VDFEC-G5/8-10-2SS-0725-99-99-p

10240411

A-SGL-VDFEC-G5/8-10-2SS-1125-99-99-p

10240412

A-SGL-VDFEC-G5/8-10-2SS-1300-99-99-p

10240413

Suction lance code, see next page!

Note:

Hose connection set has to be ordered separately, see **7.3.1 Connection material**.



Protection tube for suction lances, D32

286191

PVDF, 32.5/40 (ID/AD)

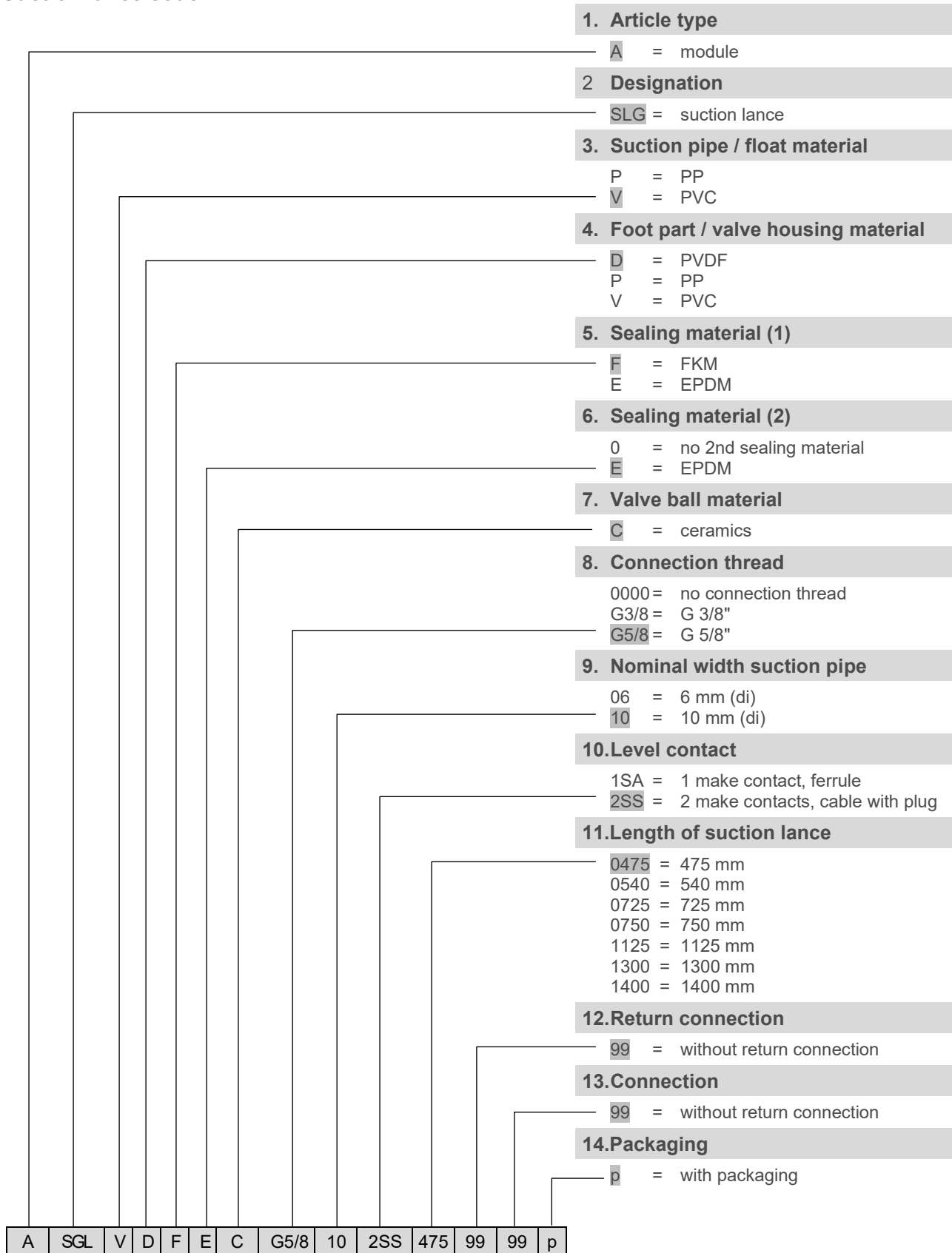
for prevention of mechanical damage of the suction valve and the float respectively
suitable for all suction lances Ø 32 mm

incl. fastening screw

Diaphragm metering pump EcoPro / EcoAdd Accessories 120 l/h



Suction lance code



7.4.3 Bottom admission valve

Bottom suction valves protect against dirt and coarse particles by means of a suction strainer. The integrated ball check valve prevents the suction line from running empty.

Note:

All components with moving parts are subject to wear, including bottom suction valves.

We therefore recommend inspecting the bottom suction valves for leaks and proper functioning at all service appointments and replacing them if necessary.



Article

BSV PP PP FP KE 000 G1 1/4 - 99

BSV PP PP EP KE 000 G1 1/4 - 99

BSV PV PV FP KE 000 G1 1/4 - 99

BSV PV PV EP KE 000 G1 1/4 - 99

Article no.

250011

250012

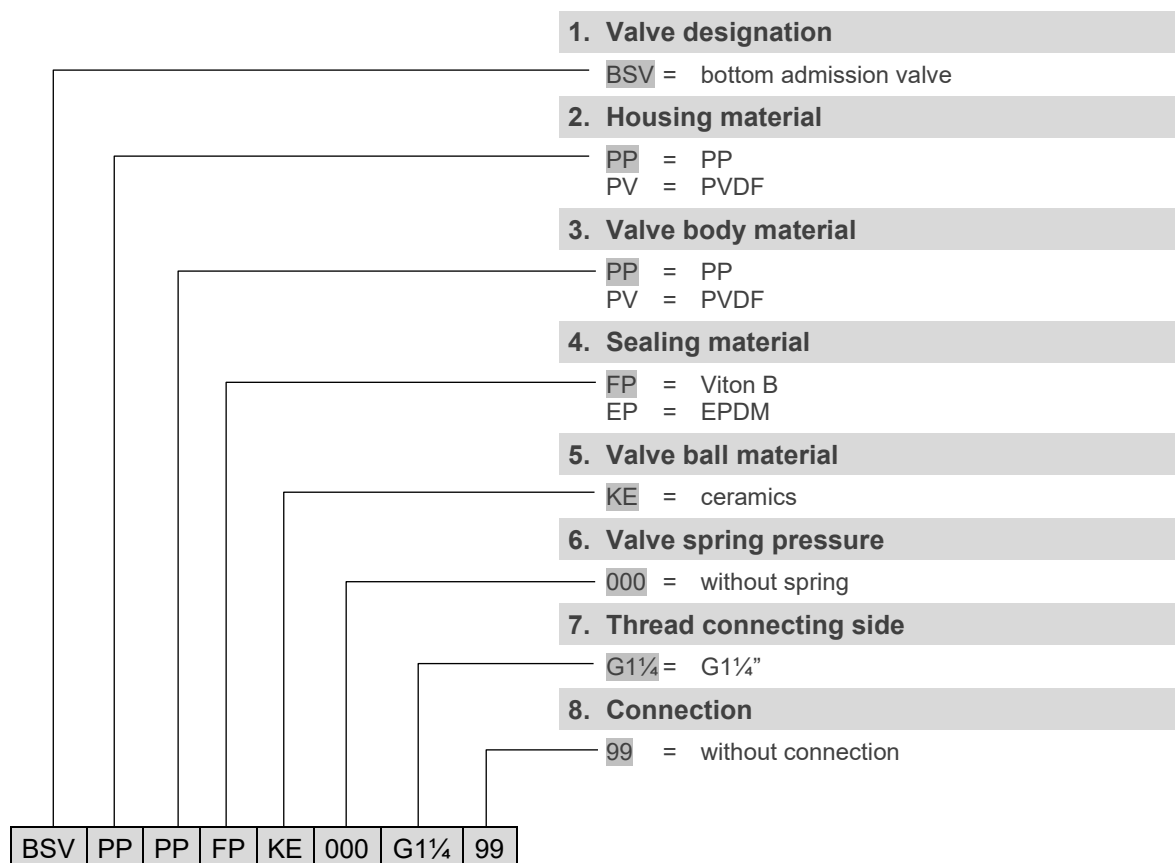
249082

on request

Note:

Hose connection set has to be ordered separately, see **7.4.1 Connection material**.

Article code



7.4.4 Metering valves

Ecolab metering valves are designed as spring-loaded ball valves. They prevent the dosing line from running empty and thus increase the metering accuracy of the system.

Note:

All components with moveable parts are subject to wear, including metering valves.

We therefore recommend inspecting the metering valves for leaks and proper functioning at all service appointments and replacing them if necessary.



Article

Article no.

Metering valve with metering pipe

DVP PPFC-H08-G3/4-G5/4-150-S00	252184
DVP PPEC-H08-G3/4-G5/4-150-S00	252185
DVP DDFC-H08-G3/4-G5/4-150-S00	252186
DVP DDEC-H08-G3/4-G5/4-150-S00	252187



Metering valve without metering pipe (suction / pressure valve)

DVO 0PFC-H08 G5/4-G5/4-000-S00	249518
DVO 0PEC-H08 G5/4-G5/4-000-S00	249519
DVO 0DFC-H08 G5/4-G5/4-000-S00	252038
DVO 0DEC-H08 G5/4-G5/4-000-S00	252039

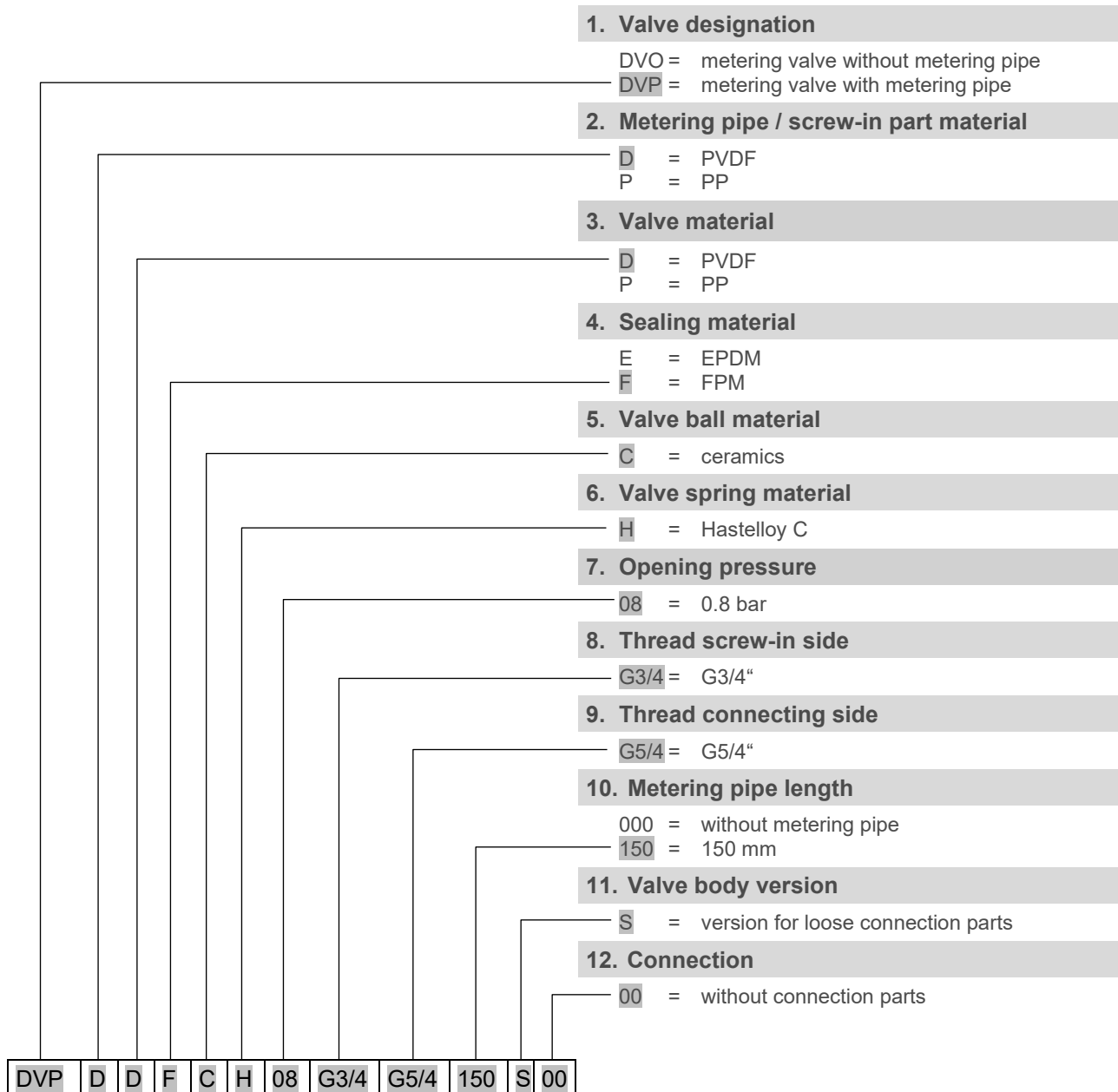
Attention!

When installing, please observe the direction of flow
(see embossed direction arrow).

Note:

Hose connection set has to be ordered separately,
see **7.4.1 Connection material**.

Metering valve code



7.4.5 Suction and pressure lines

Suction and pressure lines

available by the metre
max. operating pressure: 15 bar (at 20 °C)



PVC-fabric, 12/21 mm (int.Ø/ext.Ø)
PVC-fabric, 19/27 mm (int.Ø/ext.Ø)

417400127
417400131

Note: PVC hoses

PVC hoses only have a limited service life!
Especially when metering alkaline media or under heavy mechanical load, the service life can drop to less than 6 months.

Other hose materials

The service life of other hose materials is also limited!
Depending on the metering medium and the mechanical load, the service life can vary greatly.

We therefore recommend checking the dosing hoses at all service appointments and replacing them if necessary.