

ELADOS® EMP IV E 60^{PLUS}

with the add-on unit for the capture of operating data (dongle plate) the version E 60 turns to version E 60^{PLUS}. For installation of the dongle plate the front panel has to be removed. Then the dongle plate can be plugged on the allocated terminal.



Article

Material-No.

Dongle plate

249629

with the following additional functions:

- Automatic readjustment of pump output in combination with an oval gear meter (for operating modes "internal" and "current" only)
- Automatic calibration function via oval gear meter
- Consumption data control by means of oval gear meter

Accessories:



Oval gear meter

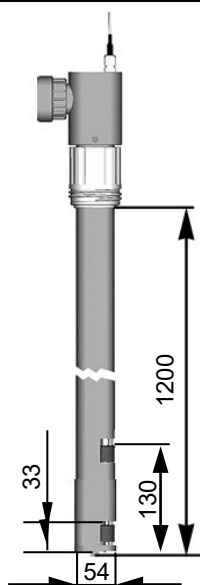
for volumetric measurement of the rate of flow

Ordering data are to be found in chapter "Measuring and Controlling / Oval gear meter".

Suction lances

1. Designation
SGL = suction lance
2. Suction lance material / float
VC = PVC
3. Ball valve material
VC = PVC
4. Sealing (1) material
FP = Viton B EP = EPDM
5. Sealing (2) material
FP = Viton B EP = EPDM
6. Valve ball material
GL = glass
7. Valve spring pressure
000 = no spring loading
8. Connection thread
G2 = G 2"
9. Nominal width suction pipe
25 = 25 mm (di)
10. Level contact
2SS = 2 make contacts, cable with plug
11. Length of suction lance
1200 = 1200 mm
12. Return connection
G2 = connection thread f. return connection 2" 99 = without return connection
13. Connection
99 = without connection

SGL	VC	VC	FP	FP	GL	000	G2	25	2SS	1200	99	99
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Article

SGL VC VC FP FP GL 000 G2 25 2SS 1200 99 99
SGL VC VC EP EP GL 000 G2 25 2SS 1200 99 99
SGL VC VC FP FP GL 000 G2 25 2SS 1200 G2 99
SGL VC VC EP EP GL 000 G2 25 2SS 1200 G2 99

Material-No.

250052
250054
250055
250056

Extent of supply: Connecting seal EPDM (black) or Viton (brown), connection cable 5 m, container screw connection, **without** hose connection

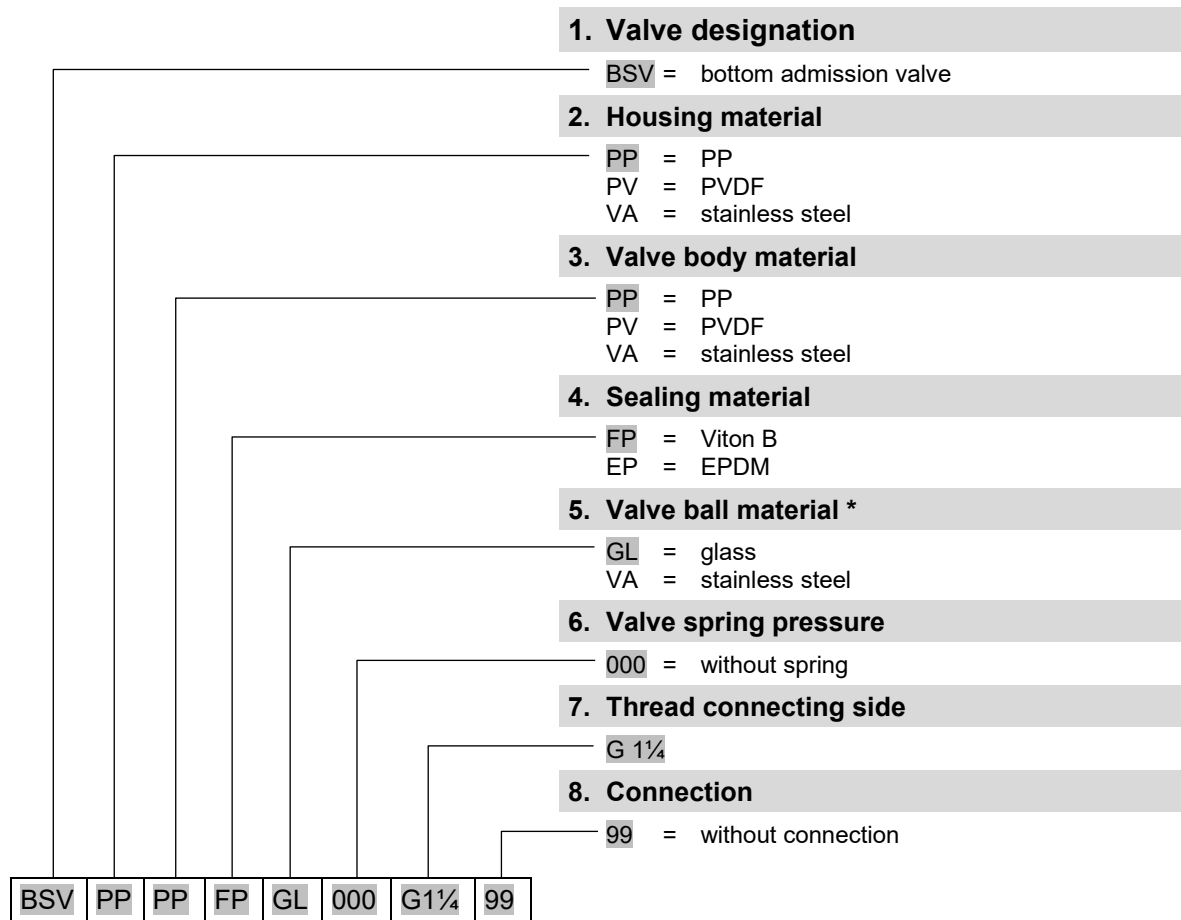
Connection material see page 16 (chapter EMP IV 450-750 I/h)

	Article	Material-No.
	Sealing for suction lance (spare part)	
	Viton B 40.64 x 5.33 (for 250052, 250055)	417003359
	EPDM 40.6 x 5.3 (for 250054, 250056)	415100413
	Suction lance adapter	417401588
	Screw cap DN 150 for container with bung plug	
	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)	417400127
	PVC-fabric, 19/27 mm (int.Ø/ext.Ø)	417400131
	PVC-fabric, 25/34 mm (int.Ø/ext.Ø)	417400139

Note: **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.

We therefore recommend to check the metering hoses at all service appointments and replace them if necessary.

Bottom admission valve



Article

Material-No.

BSV PP PP FP GL 000 G 1 1/4 – 99

250011

BSV PP PP EP GL 000 G 1 1/4 – 99

250012



BSV PV PV FP GL 000 G 1 1/4 – 99

249082

BSV PV PV FP GL 000 G 1 1/4 – 99

249083

BSV VA VA FP VA 000 G 1 1/4 – 99

249036

BSV VA VA EP VA 000 G 1 1/4 – 99

on request

Connection material see page 16

* standard valve ball material will soon be changed to ceramics



Article

Material No.

Pulsation damper

To reduce pressure peaks and pulsation at oscillating rotary pumps at the pressure side and to prevent cavitating at the suction side.

Stroke volume: 40 cm³/stroke
 Admissible nominal pressure: 10 bar
 Thread connection: G 1 ¼

PDS 250 D25 PP/Hypalon

415503005

Housing material: PP
 Sealing/diaphragms: Hypalon

PDS 250 D25 PP/Viton

415503006

Housing material: PP
 Sealing/diaphragms: Viton



Manometer

415502560

0-10 bar, connection G ¼

Attention:

When adjusting the initial pressure, the pulsation damper has to be relieved on the metering media side.



Reduction G ½ a – G ¼ i

415202771

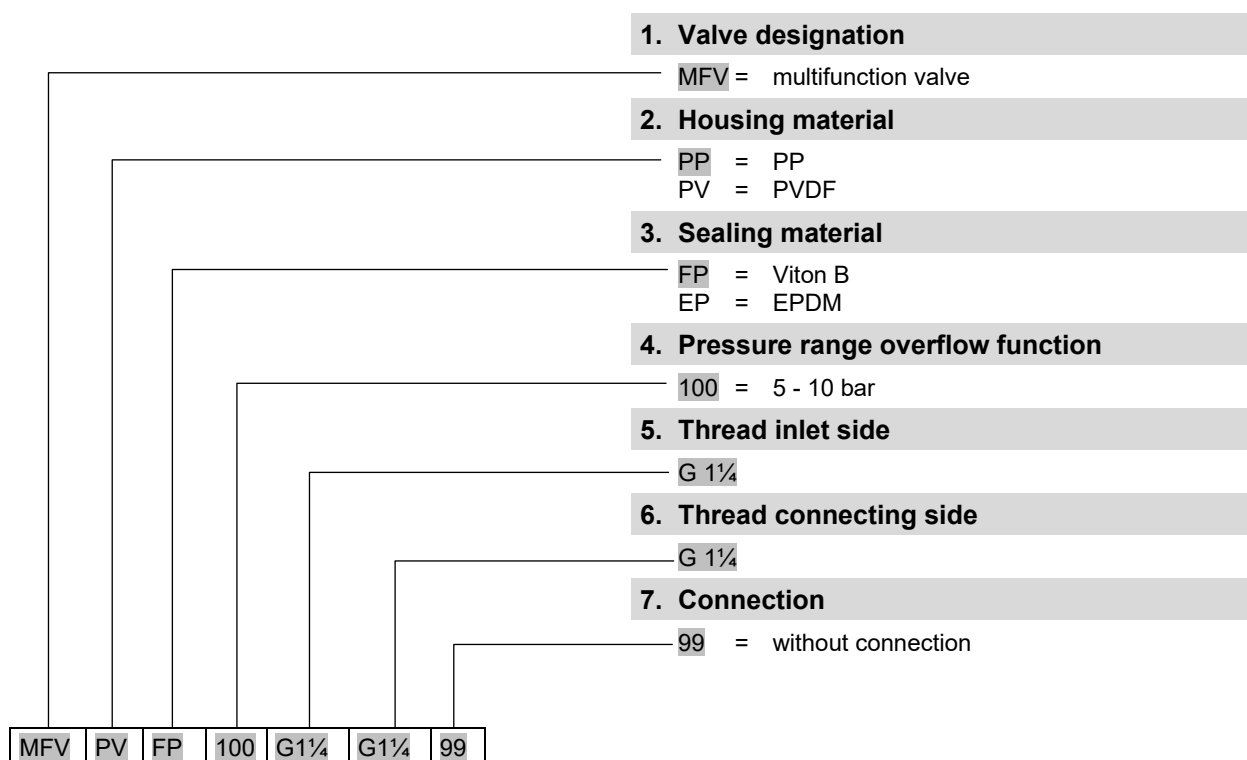


Pump bracket VA

250047

incl. mounting accessories
 bracket with holder out 4 edge hollow profile
 with movable fixing plate

Multifunction valve



This safety-relevant component serves the purpose of protecting the piping system and the metering pump and permits safe and reliable commissioning and maintenance of the system.

The multiple function valve combines all of the following functions: **overflow, pressure maintenance, venting and drainage**

Dimensions (L * D * H): 341 x 160 x 200 mm



Article

Material-No.

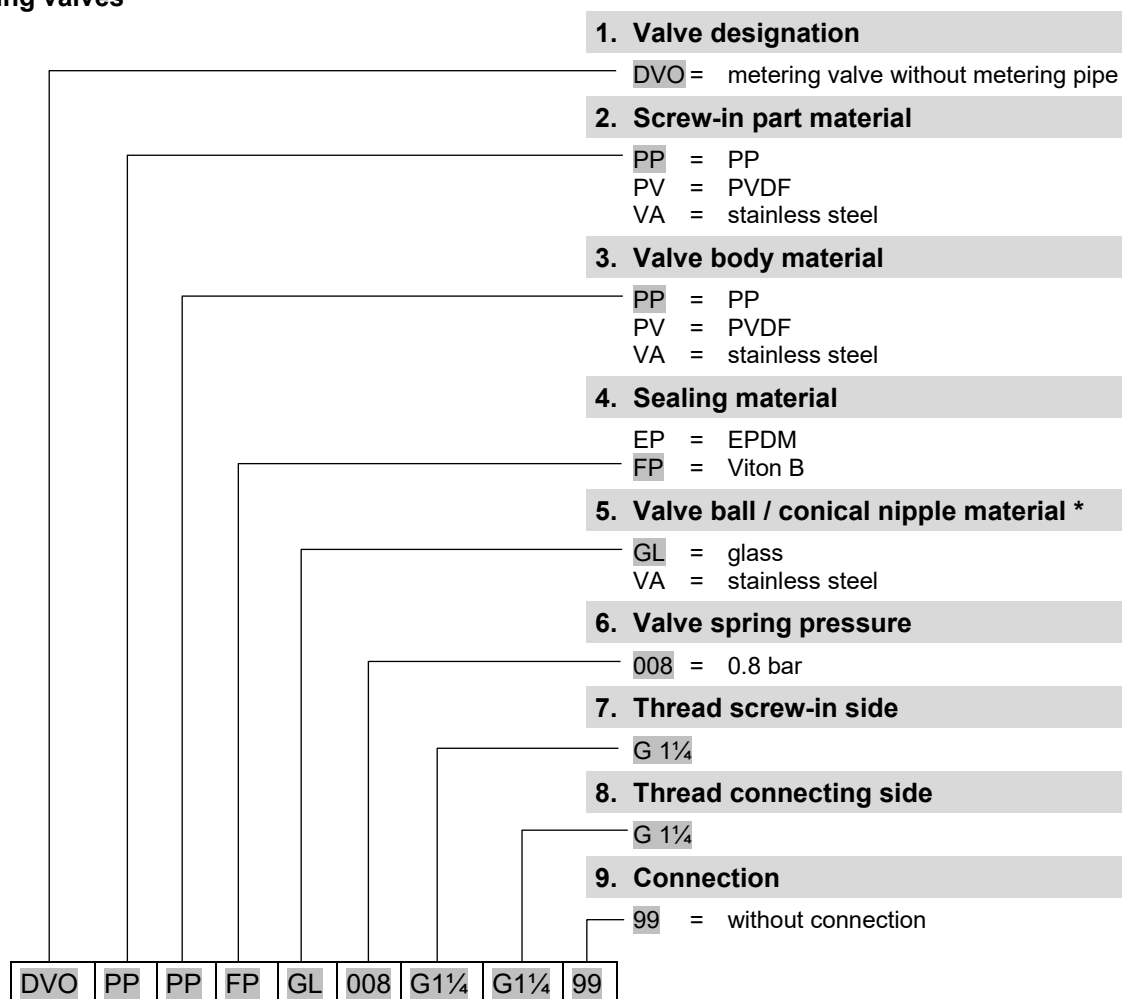
MFV PP FP 100 G 1 1/4 – G 1 1/4 – 99	250060
MFV PP EP 100 G 1 1/4 – G 1 1/4 – 99	250061
MFV PV FP 100 G 1 1/4 – G 1 1/4 – 99	250064
MFV PV EP 100 G 1 1/4 – G 1 1/4 – 99	250065

Extent of supply: 2 fixing clips with securing bracket (415018707), 3 O-ring seals (417003593) Viton B, user's manual

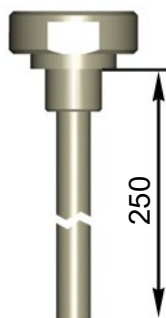
The multiple function valve should be installed close to the pump on a suitable wall.

Connection material see page 16

Metering valves



* standard valve ball material will soon be changed to ceramics



Article

Material-No.

DVO PP PP FP GL 008 G 1 1/4 – G 1 1/4 – 99	250017
DVO PP PP EP GL 008 G 1 1/4 – G 1 1/4 – 99	250018
DVO PV PV FP GL 008 G 1 1/4 – G 1 1/4 – 99	249086
DVO PV PV EP GL 008 G 1 1/4 – G 1 1/4 – 99	on request
DVO VA VA FP VA 008 G 1 1/4 – G 1 1/4 – 99	249468
DVO VA VA EP VA 008 G 1 1/4 – G 1 1/4 – 99	249059

Connection material see page 16

Metering pipe PP G 3/4 for DVO G 1 1/4	249235
Metering pipe PV G 3/4 for DVO G 1 1/4	249236



Connection material for suction and pressure valves,
 bottom admission valves and metering valves
 (to be ordered separately)

Article

Material-No.

Connection set PP, G 1¼ - NW 20/22

249239

consisting of:

1 union nut PP G 1¼ (415099835), 1 pressure hose nozzle PP
 NW 20/22 (34950256) and 2 hose clips for hose AD 25-40
 (415013306)



Hose clips (stainless steel)

for hose AD 20-32

415013305

for hose AD 25-40

415013306



Union nut G 1 1/4

PP

415099835

PVDF

415099072

stainless steel

38610405



Pressure hose nozzle

PP for hose NW 20/22 (ill.)

34950256

PP for hose NW 25/27

34950257

PVDF for hose NW 20/22 (ill.)

34950199

PVDF for hose NW 25/27

34950201

stainless steel

on request

Article

Material-No.

Connection to tubes



Union nut G 1 1/4

PP

415099835

PVDF

415099072

stainless steel (1.4571)

38610405



Insertion part (welded bush) 1 1/4" for tube connection DN 20 (d25)

PP

415099709

PVDF

415099033

stainless steel (screw-in thread G 3/4)

38610407

Further connection material on request!