

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:

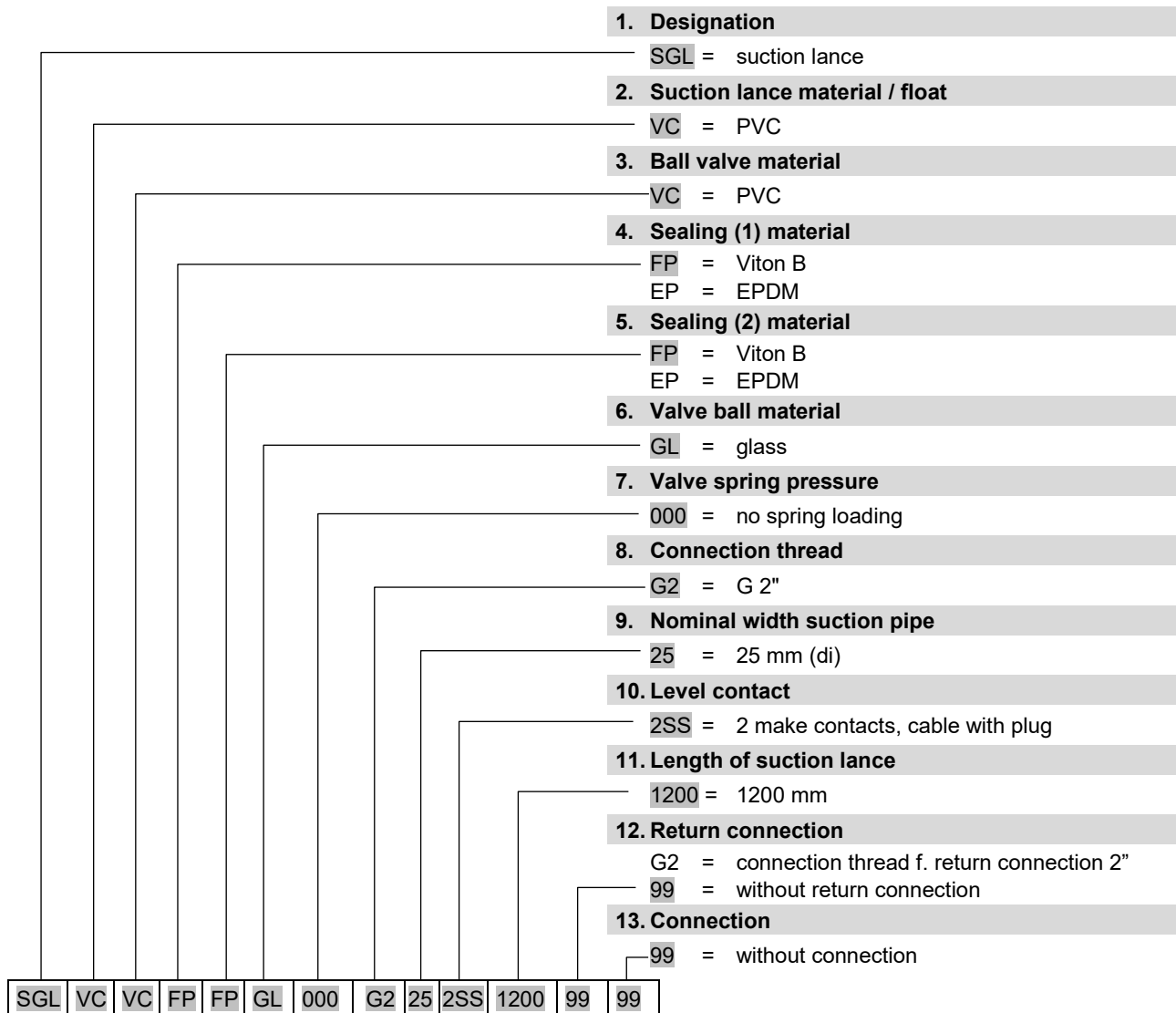


Oval gear meter

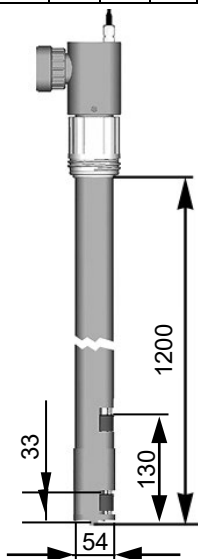
for volumetric measurement of the rate of flow

Ordering data are to be found in chapter 6 of "Measuring and Controlling".

Suction lances



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

Material-No.

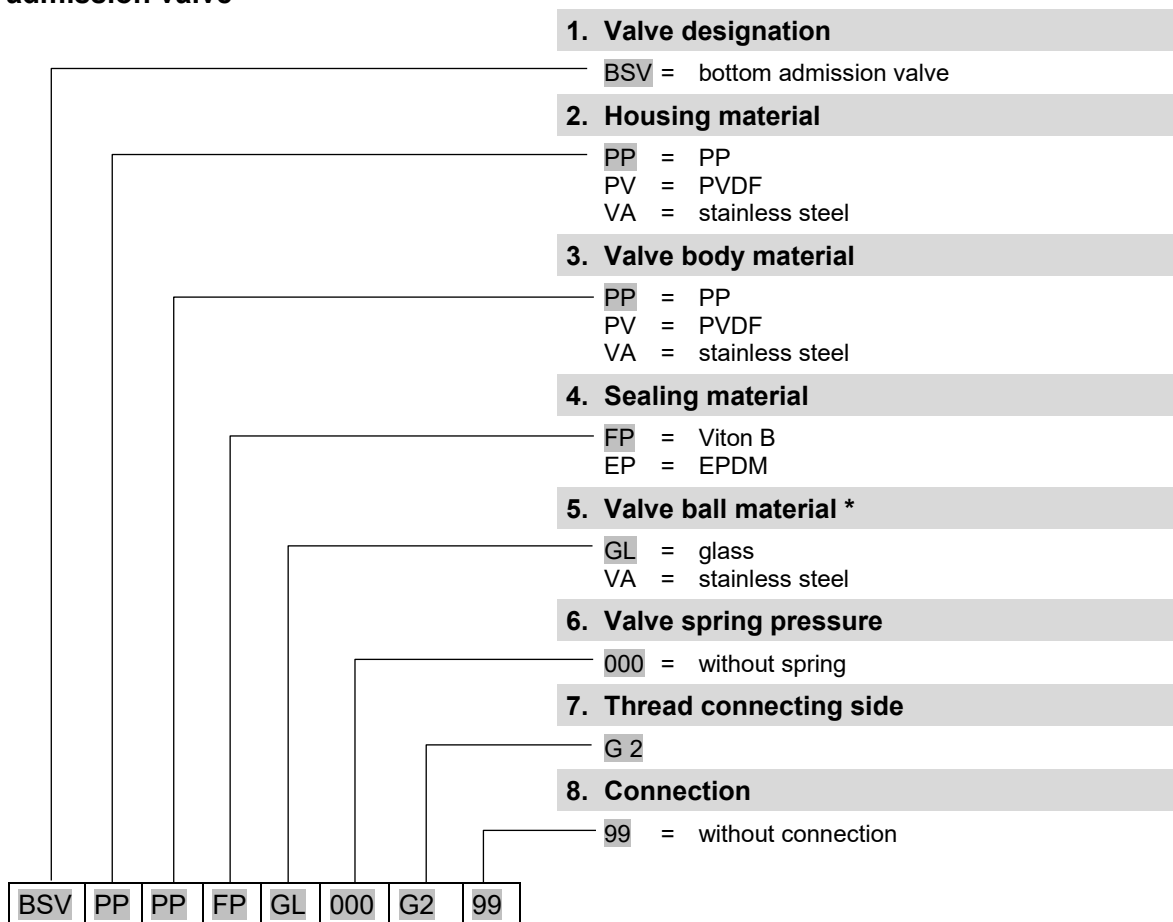
SGL VC VC FP FP GL 000 G2 25 2SS 1200 99 99	250052
SGL VC VC EP EP GL 000 G2 25 2SS 1200 99 99	250054
SGL VC VC FP FP GL 000 G2 25 2SS 1200 G2 99	250055
SGL VC VC EP EP GL 000 G2 25 2SS 1200 G2 99	250056

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

	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	
	Screw cap DN 150 for container with bung plug	417401588
	Suction and pressure lines	
	available by the metre	
	max. operating pressure: 15 bar (at 20 °C)	
	PVC-fabric, 19/27 mm (int.Ø/ext.Ø)*	417400131
	PVC-fabric, 25/34 mm (int.Ø/ext.Ø)	417400139
PVC-fabric, 30/38 mm (int.Ø/ext.Ø)	417400136	
PVC-fabric, 32/42 mm (int.Ø/ext.Ø)	417400135	
*up to max. 450l/h on the pressure side		
Note:	<p>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.</p> <p>We therefore recommend to check the metering hoses at all service appointments and replace them if necessary.</p>	

Bottom admission valve



Article	Material-No.
BSV PP PP FP GL 000 G 2 – 99	250007
BSV PP PP EP GL 000 G 2 – 99	250008
BSV PV PV FP GL 000 G 2 – 99	250009
BSV PV PV EP GL 000 G 2 – 99	250010
BSV VA VA FP VA 000 G 2 – 99	on request
BSV VA VA EP VA 000 G 2 – 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: 120 cm³/stroke
 Admissible nominal pressure: 10 bar
 Thread connection: G 1 ¼

PDS 750 D32 PP/Hypalon

415503007

Housing material: PP
 Sealing/diaphragms: Hypalon

PDS 750 D32 PP/Viton

415503008

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

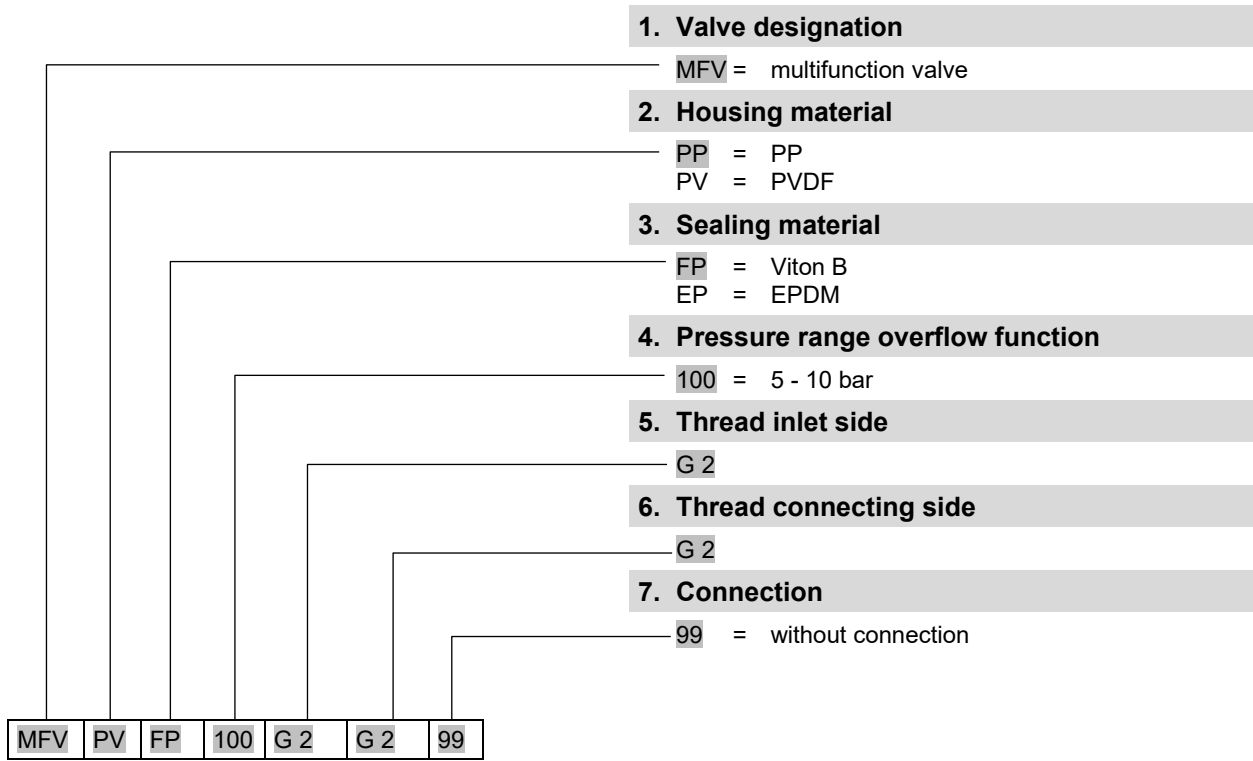


Pump bracket

250047

stainless steel, 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



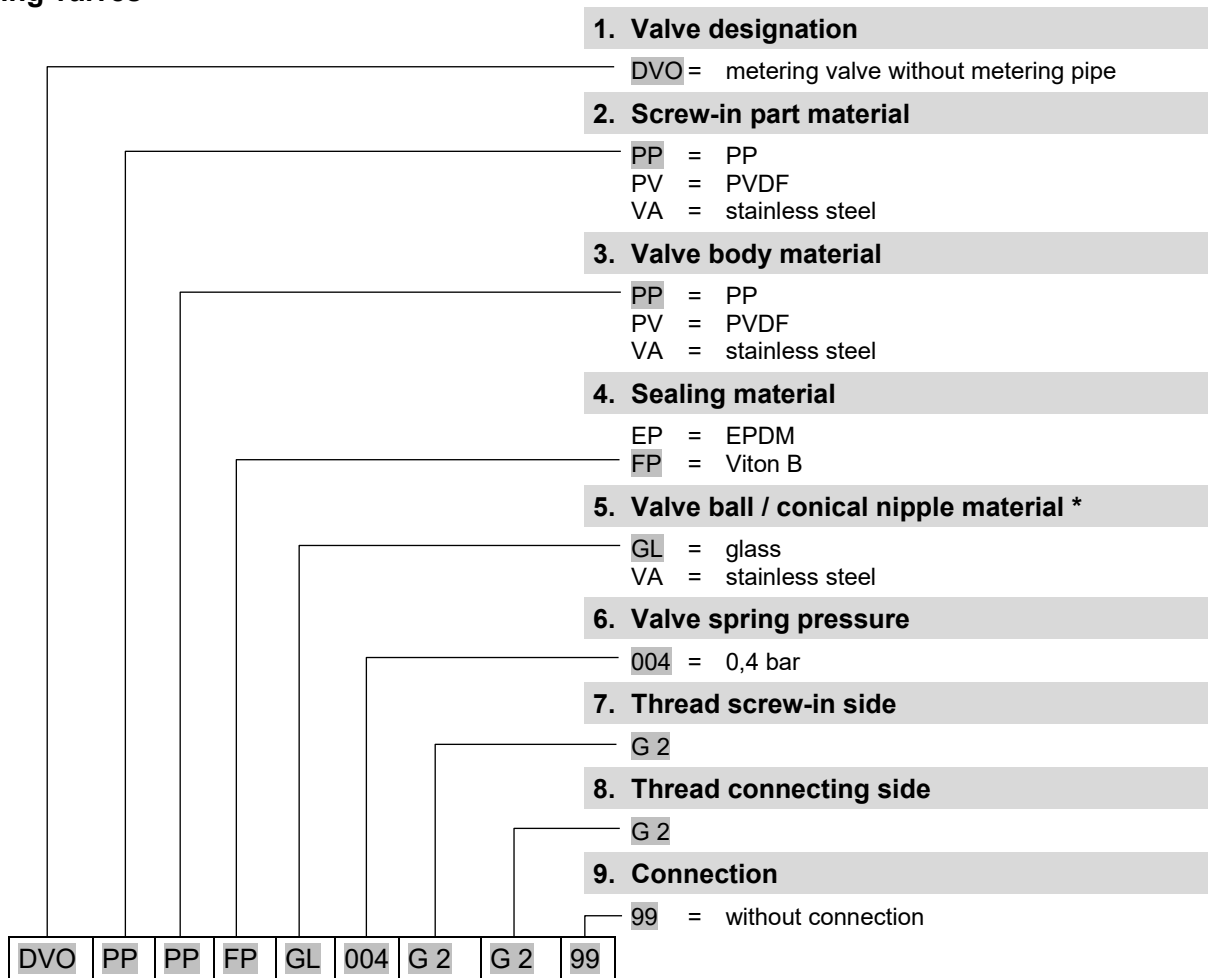
Article	Material-No.
MFV PP FP 100 G 2 – G 2 – 99	250062
MFV PP EP 100 G 2 – G 2 – 99	250063
MFV PV FP 100 G 2 – G 2 – 99	250066
MFV PV EP 100 G 2 – G 2 – 99	250067

Extent of supply: 2 fixing clips with securing bracket (415018707), 3 O-ring seals (417003412) Viton B, user's manual

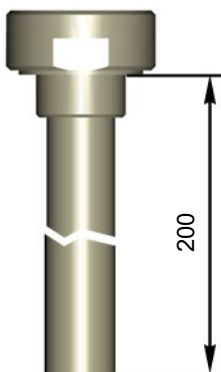
The multiple function valve should be installed close to the pump on a suitable wall.

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 004 G 2 – G 2 – 99	250013
DVO PP PP EP GL 004 G 2 – G 2 – 99	250014
DVO PV PV FP GL 004 G 2 – G 2 – 99	250015
DVO PV PV EP GL 004 G 2 – G 2 – 99	250016
DVO VA VA FP VA 004 G 2 – G 2 – 99	on request
DVO VA VA EP VA 004 G 2 – G 2 – 99	on request

Connection material see page 16

Metering pipes

Metering pipe PP G 1¼ für DVO G 2	250094
Metering pipe PV G 1¼ für DVO G 2	250095

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

Article

Material-No.



Connection to pressure hose nozzle with hose clip

Connection set PP, G 2 - NW 25/27

250096

consisting of:

1 union nut PP G 2 (415099837), 1 pressure hose nozzle PP NW 25/27 (34950254) and 2 hose clips for hose AD 25-40 (415013306)

Connection set PP, G 2 - NW 30/32

250097

consisting of:

1 union nut PP G 2 (415099837), 1 pressure hose nozzle PP NW 30/32 (34950255) 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 2

PP

415099837

PVDF

415099074

stainless steel (1.4571)

415205316



Pressure hose nozzle

PP NW 20/22

34950253

PP NW 25/27 (ill.)

34950254

PP NW 30/32

34950255

PVDF NW 20/22

34950197

PVDF NW 25/27 (ill.)

34950198

PVDF NW 30/32

34950202

stainless steel (1.4571)

on request

Connection to tubes

Article

Material-No.



Union nut G 2

PP
PVDF
stainless steel (1.4571)

415099837
415099074
415205316



Insertion part 2" (welded bush) for tube connection DN 25 (d32)

PP
PVDF

34950191
34950192

Insertion part 2" (welded bush) for tube connection DN 32 (d40)

PP
PVDF
stainless steel (screw-in thread G 1¼ i)

415099711
415099035
34950237

Further connection material on request!