

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

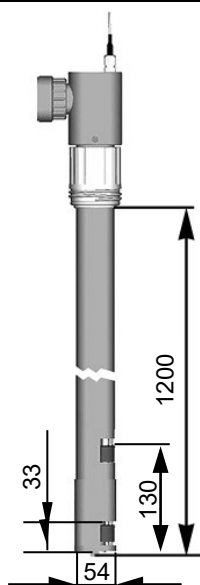
for volumetric measurement of the rate of flow

**Ordering data are to be found in chapter
Measuring / 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 = FPM EP = EPDM
5. Sealing (2) material
FP = FPM EP = EPDM
6. Valve ball material
KE = ceramics
7. Valve spring pressure
000 = no spring loading
8. Connection thread
G2 = G2"
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 G2" 99 = without return connection
13. Connection
99 = without connection parts

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

Extent of supply: O-ring 40.6 x 3.5 EPDM (black) or FPM (black with red dot), connection cable 5 m, container screw connection, **without** hose connection parts

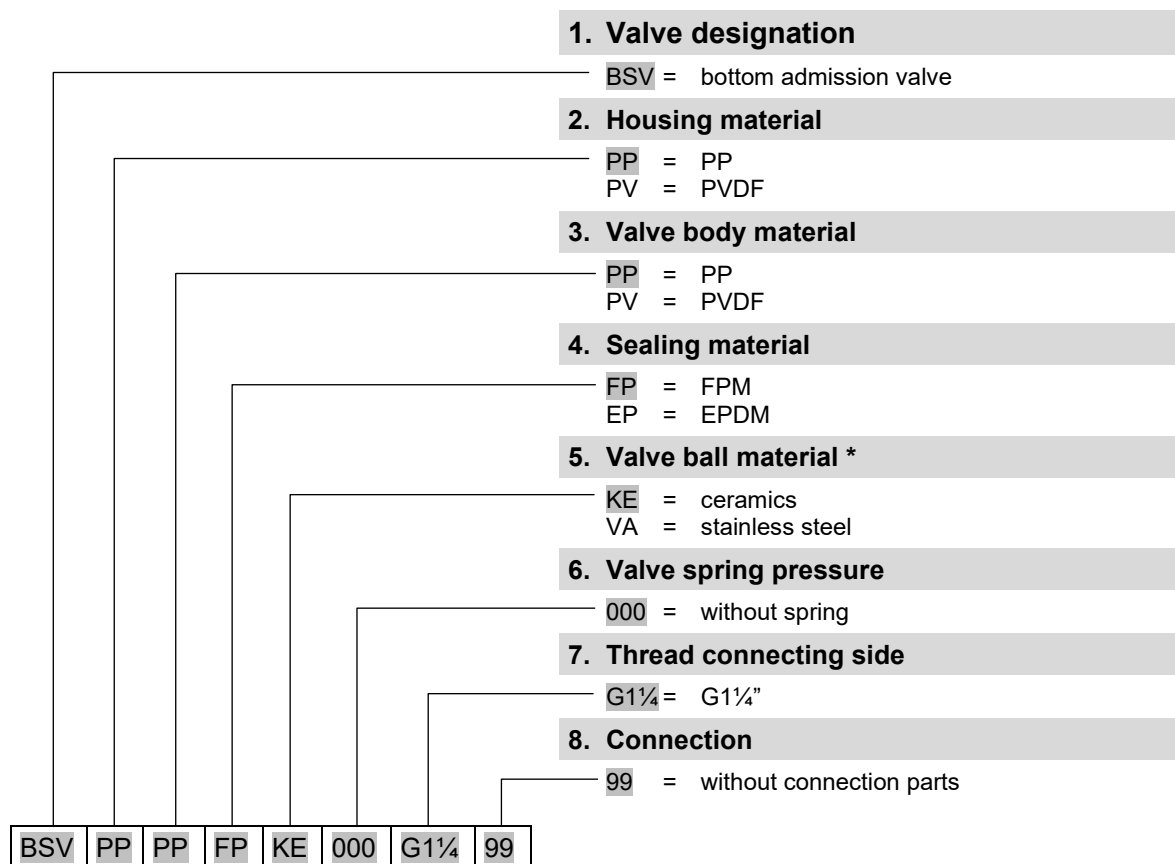
Connection material see chapter EMP IV 450-750 I/h, page 17

	Article	Material-No.
	Sealing for suction lance (spare part)	
	FPM 40.64 x 5.33 (for 250052, 250055)	417007359
	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 KE 000 G 1 1/4 – 99

250011

BSV PP PP EP KE 000 G 1 1/4 – 99

250012

BSV PV PV FP KE 000 G 1 1/4 – 99

249082

BSV PV PV FP KE 000 G 1 1/4 – 99

on request

Connection material see page 17



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: G1¼"

PDS 250 D25 PP/Hypalon

415503005

Housing material: PP
 Sealing/diaphragms: Hypalon

PDS 250 D25 PP/FPM

415503006

Housing material: PP
 Sealing/diaphragms: FPM



Manometer

415502560

0-10 bar, connection G¼a

Attention:

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



Reduction G½a – G¼i

415202771

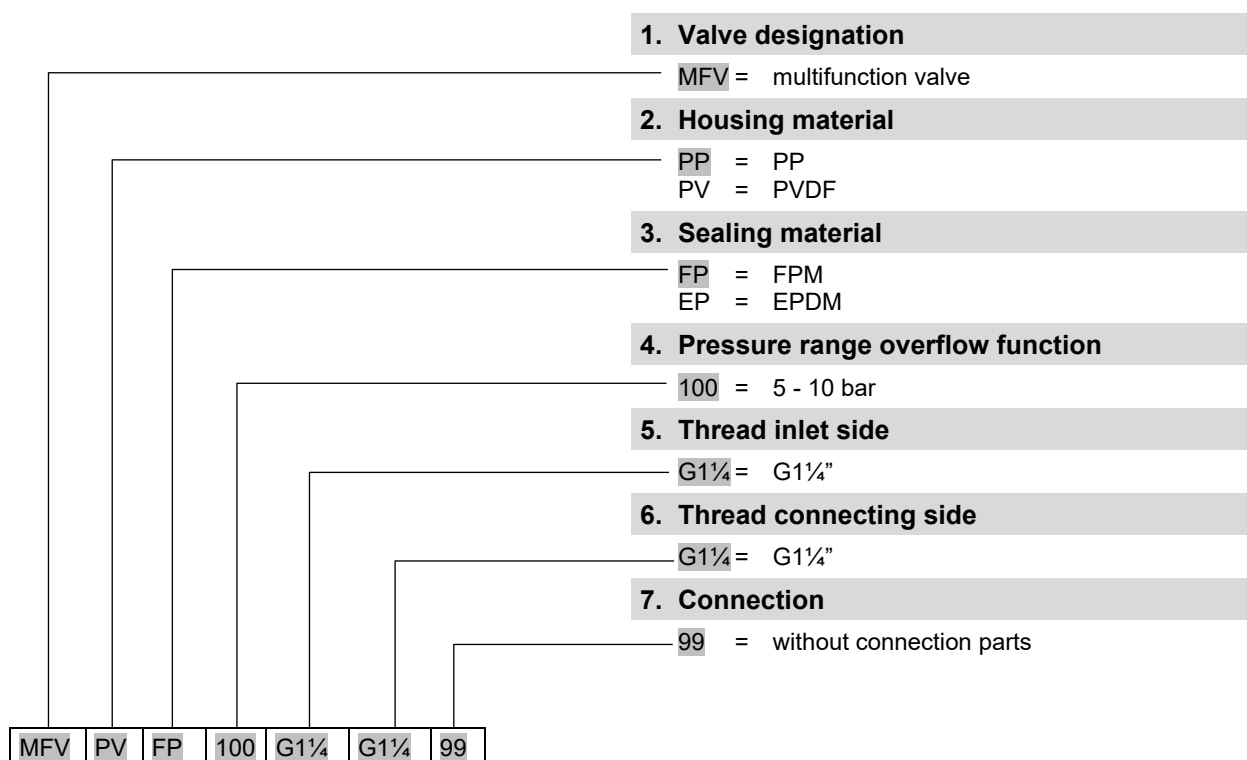


Pump bracket VA

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.

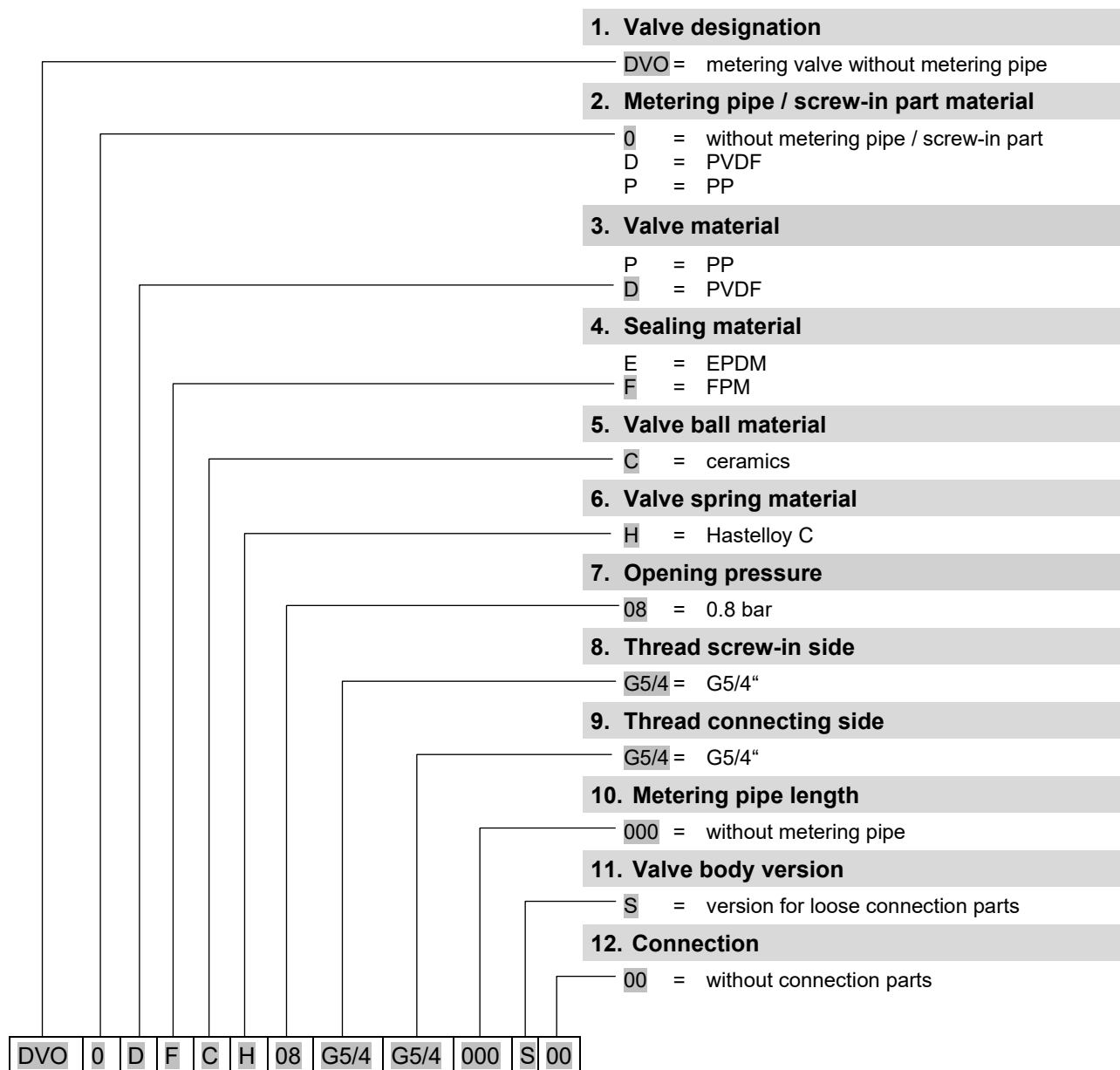
MFV PP FP 100 G 1 1/4 – G 1 1/4 – 99	250060
MFV PP EP 100 G 1 1/4 – G 1 1/4 – 99	250061
MFV PV FP 100 G 1 1/4 – G 1 1/4 – 99	250064
MFV PV EP 100 G 1 1/4 – G 1 1/4 – 99	250065

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

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

Connection material see page 17

Metering valves



Article

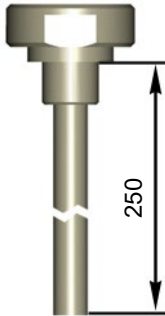
Material-No.

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)

Connection material see page 17



Article	Material-No.
Metering pipe G5/4i-G3/4a L=250 PP-GY	on request
Metering pipe G5/4i-G3/4a L=250 PVDF-NA	249236



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

Article

Material-No.

Connection set PP, G1¼ - NW 20/22

249239

consisting of:

1 union nut PP G1¼ (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 G1¼"

PP

415099835

PVDF

415099072



Pressure hose nozzle

PP d20/22-1¼" (ill.)

34950256

PP d25/27-1¼"

34950257

PVDF d20/22-1¼" (ill.)

34950199

PVDF d25/27-1¼"

34950201

Article

Material-No.

Connection to tubes



Union nut G1 1/4"
PP
PVDF

415099835
415099072



Insertion part (welded bush) 1 1/4" DN 20 (d25)
PP
PVDF

415099709
415099033

Further connection material on request!