

## CONTENT

# MEASURING, CONTROL AND DOSING EQUIPMENT

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Accurately working dosing systems are an essential prerequisite for a perfect water quality. A continual supply of the system with treatment agents ensures an uninterrupted operation of the system. In addition, they are an important factor in reducing the input of water treatment products.

Our systems are characterized by a wide range of delivery rates from 0.1 ml/h up to 210 l/h, thereby allowing considerable savings.

## InnoDOS CHC

Mixing and dosing station for calcium hypochlorite





## PRODUCT INFORMATION

The smart InnoDOS of our sister company Dr. Nüsken is suitable for indoor pools up to about 356  $\mathrm{m^3}$  and for outdoor pools up to about 70  $\mathrm{m^3}$  (e.g. in the public sector). Handling of the system is safe and simple.

- + No contact with chemicals
- + No transfer or tilting required
- + Collecting tray included in delivery + No formation of chlorate

- + System is "ready to use"
- + All in one: transport, dissolving and dosing tank
- + Low transport weight
- + Fast replacement of supply containers

#### **Efficient:**

- + One supply container 4 fills
- + An air mixing unit ensures that the granules are dissolved rapidly and that the
- solution is homogeneous at all times + High active chlorine content (> 70% in solution, on average 50 g Cl<sub>2</sub>/l)
- + High storage stability no formation of chlorate

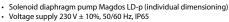




### InnoDOS CHC COMPLETE UNIT

ART. NO.

0270-200-00



- Multifunction valve Pentabloc (with Magdos 05 6)
   Dosing point SDK complete
- Safety casing for dosing pumpCollecting tray

- Hose PVC 6/12 mm, 10 m
  1 set of warning labels and flow direction indicators
- Filling device with cut-off valve and adsorption feature
   Suction line GF 2



0270-202-00



• Nominal dosing capacity 0.5 - 16 l/h with back-pressures up to max. 16 bar

• Nominal dosing capacity 0.5 - 16 l/h with back-pressures up to max. 16 bar

- Solenoid diaphragm pump Magdos LD-p (individual dimensioning)
   Voltage supply 230 V ± 10%, 50/60 Hz, IP65
   Multifunction valve Pentabloc (with Magdos 05 6)
   Dosing point SDK complete

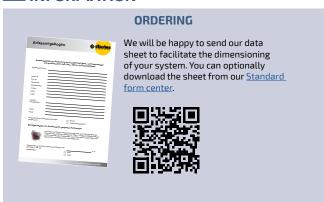
- Pump consoleHose PVC 6/12 mm, 10 m
- 1 set of warning labels and flow direction indicators
  Filling device with cut-off valve and adsorption feature
- Suction line GF 2

DESCRIPTION ART. NO.

### SPARE PARTS AND ACCESSORIES FOR INNODOS

Diaphragm kit, diameter 24, TFM-coated	<u> </u>
Diaphragm kit, diameter 33, TFM-coated	<u> </u> 0270-211-00
Diaphragm kit, diameter 39, TFM-coated	0270-212-00
Spare parts set PVC, valves FPM/glass/PVDF	<u>©</u> 0270-213-00
Spare parts set Pentabloc G5/8 FPM	0270-214-00
0.1l activated carbon filling	<u>©</u> 0270-215-00
3.0l activated carbon filling	0270-216-00
Gasket kit for filling device	0270-217-00
Connection for filling device (for 25l supply units)	0270-218-00
Connection for filling device (for 60l supply units)	0270-219-00
Angle connection G½ " female cpl. with stop Hose connection 19 mm (¾")	© 0270-220-00
Connector G½" female (plug system connector)	0270-221-00
Safety gloves, size 10	<u>*</u> 0420-010-00
Protective apron made of rubber	<u> </u>
Protective goggles	<b>***</b> 0300-430-00

# 1 INFORMATION



# Nüscochlor CHC granules

Suitable disinfectant granules





## **PRODUCT INFORMATION**

Active chlorine content: > 70%, 4 fills yield about 100 liters with 50 g Cl2/l on average + 7.5 kg in 25 l supply container + 18 kg in 60 l supply container



DESCRIPTION		UNIT	PACK. UNITS		ART. NO.	
Nüscochlor CHC granules	& ▼	18 kg	1	•	1010-190-00	Z
		8 kg	1	-	1010-191-00	Z

## **GRANUDOS DOSING SYSTEMS**





### PRODUCT INFORMATION

Disinfection systems for single and multi-pool systems with granular chlorine. The GRANUDOS system prepares a pH-neutral chlorine solution from calcium hypochlorite granules and pumps this solution into a buffer tank. From there, the disinfectant solution is distributed to the individual pool circulations via dosing lines of the delivery system.

#### Advantages:

- + No sludge deposits, no clogging
- Low maintenance requirements
- Use of commercially available drums (GRANUDOS 45) or buckets (GRANUDOS
- We deliver high-quality, approved granules according to the Biocidal Products Regulation
- No problems with chlorates
- Compatible with dinotec measuring, control and dosing systems





### **GRANUDOS 45-Touch/HC50**

ART. NO.

3422-255-38

Dosing unit for calcium hypochlorite granules as well as acid for disinfection and control of pH in swimming pool water

**Delivery includes:** 

- Pedestal with drum turning device
- Chlorine dosing
- Acid dosing
- Dissolving system · Touch control

### IR SENSOR 18X1 CYCLONE GPL/GR TOUCH

3422-220-00



### **BUFFER TANK**

Buffer tank for storing the produced chlorine solution and supply additional small pools. Control of addition of chlorine solution to pools via external controllers. Chlorine concentration max. 0.4%. The Granudos 45-Touch/HC50 includes the PB function for buffer tank filling. You only need to order the IR monitoring on the cyclone must be ordered in addition. The IR sensor is pre-installed at the

- <u>Delivery includes:</u>
   PE tank d 650 x H 1110 mm 300 l with screw lid
- 3 level switch min/max to control the filling
  2 level switches min/max for alarm
- · Activated carbon filter to dechlorinate the air in the tank during filling

### Switching unit:

2 control valves DN20 (electric or pneumatic)

Buffer tank GR 300 I 3422-197-00



### **GRANUDOS DOSING SYSTEMS 10-S5**

Dosing system for calcium hypochlorite granules and acid for disinfection of swimming pool water. Chlorine is added directly from the integrated filling funnel (5 kg), acid is added from the supply container. Chlorine granules and acid are alternately added into the dissolving unit with pauses in between

### Delivery includes:

- Body Assembly Chlorine dosing
- · Acid dosing
- Dissolving system

Microprocesso	cessor	control		

GRANUDOS 10 S5 (filling funnel 5 kg)	1	3422-217-00	В
GRANUDOS 10 S5 (filling funnel 10 kg)	1	3422-218-00	В
GRANUDOS 10 S5 (filling funnel 15 kg)	1	3422-219-00	В

### **SUITABLE DISINFECTANT GRANULES**

DESCRIPTION		UNIT	PACK. UNITS		ART. NO.	
CHEMOCLOR CH GRANULES	& ♥	10 kg	1	*	0401010C	Н
Fast dissolving inorganic chlorine granules with a chlorine content of abou continuous treatment (ideal value 0.3-0.6 mg/l)	t 70%. Suitable for shock and	45 kg	1	÷	0401045C	Н



## **information**



Other GRANUDOS dosing systems, accessories, spare parts on request.

The systems are supplied with a filling funnel for Chemoform and dinotec chlorine products. Other filling funnel on request.

# **EasyFloc 12 DOSING SYSTEM**

Basis for top water quality!





## **PRODUCT INFORMATION**

Easy and effective flocculation with the smart EasyFloc 12. The parameters circulation rate  $(m^3/h)$  and dosing rate  $(ml/m^3)$  are set via the user interface of the pump. No laborious volumetric measurements necessary. The required  $% \left( 1\right) =\left( 1\right) \left( 1\right)$ amount of flocculant is calculated and added automatically. The flocculant  $% \left( 1\right) =\left( 1\right) \left( 1\right)$ is added on the suction side of the pump to ensure an optimum mixing of flocculant into the circulated water.

Eco operation: A corresponding input signal ensures that the EasyFloc 12 detects off-peak hours and reduces the dosing accordingly. Due to the wide performance range, the EasyFloc 12 can be used with almost any pool size. Plug and play installation.





DESCRIPTION ART. NO. EasyFloc 12 **0260-588-90** 

Programmable, automatic flocculant dosing unit for one filter circulation.

The system covers circulation rates from 10 to  $800 \text{ m}^3\text{/h}$  (with a dosing capacity of  $1.5 \text{ ml/m}^3$ ). Convenient menu-guided system setup via display.

The EasyFloc 12 is delivered as complete system, pre-assembled on a wall mounting plate, with suction kit including float switch for low level control, injection valve, and connection accessories.

Mains voltage:

Max. pressure: 1.5 bar

Dosing capacity: 0.1 - 1.5 cm<sup>3</sup>/m<sup>3</sup> circulation rate

Minimum adjusable dosing capacity: 1 ml/h

### **SPARE PARTS FOR EasyFloc 12**

Pump hose kit	<u> </u>	В	
Rotor	<b>1</b> 0204-026-00	В	



Select the appropriate accessories (suction lances, injection valves, etc.) from page 73

## PERISTALTIC DOSING PUMPS



R

ART. NO.

0220-282-00

**0220-270-00** 

0220-278-00







DESCRIPTION

### PERISTALTIC DOSING PUMP dinodos START LEVEL BUS



Microprocessor-controlled peristaltic dosing pump for an automatic addition of any kind of liquid media, even smallest quantities. The motor is operated with 24 V DC directly from the dinotec BUS. It is controlled directly via the BUS line.

Due to a wide-ranging delivery rate of 0 - 1200 ml/h or 45 - 11000 ml/h, an optimum adaptation to the particular application is possible.

A fill level measurement feature for the supply container is integrated in the dinodos START LEVEL BUS, The fill level is forwarded via the dinotec BUS to a dinotecNET+ or AquaTouch+ for further evaluation.

Error messages are displayed on the pump and are additionally transmitted via the dinotec BUS.

dinodos START I EVEL BUS / 0-1200 ml/h 0220-283-90 dinodos START LEVEL BUS / 45-11000 ml/h 0220-280-90

#### SPARE PARTS dinodos STAR LEVEL BUS:

Pump hose kit 0 - 1200 ml/h	<b>6</b> 0204-021-00	В
Pump hose kit 45 - 11000 ml/h	<b>1</b> 0204-023-00	В
Rotor	<b>6</b> 0204-026-00	В



#### PERISTALTIC DOSING PUMP dinodos START

Microprocessor-controlled peristaltic dosing pump for an automatic addition of any kind of liquid media, even smallest quantities. With stepper motor and continuously variable digital speed control. Continuous operation with mains voltage 230V applied. Activation by the press of a key, switching contact (ON/OFF), ascending or descending linearly and frequency control.

The pump offers a wide-ranging capacity from 45 to 11000 ml/h at a maximum back-pressure of 1.5 bar. The delivery rate is infinitely variable via the control or the two potentiometers on the

With integrated dosing pump hose (d 8mm) and hose connection (4/6 mm).

Canister low level signal input and fault output are included, a hose rupture is detected automatically. The pump is safe for continuous operation and features a thermal protection. It can be easily ventilated by the touch of a button and can dose at 100 percent capacity for

Operating conditions are signalled via LEDs.

### **SPARE PARTS dinodos START:**

a minute by pressing a button.

Pump hose kit	ń	0204-023-00	В	
Rotor	Ė	0204-026-00	В	



### PERISTALTIC DOSING PUMP dinodos EASY

dinodos EASY for dosing of liquid chemicals used in pool water treatment. Capacity up to 9.0 l/h with a counter-pressure of 1.5 bar, speed control via microcontroller (GCL technology), 230V, gear motor, including pump hose kit.

## SPARE PARTS dinodos EASY:

Pump hose kit	<u>*</u> 0204-023-00	В	
Rotor	<b>**</b> 0204-026-00	В	



### PERISTALTIC DOSING PUMP dinodos GO

 $\ dinodos\ GO\ for\ dosing\ of\ liquid\ chemicals\ used\ in\ pool\ water\ treatment.$ 

- Flow rate up to 6 l/w at a counter-pressure of 1.5 bar, 230 V, gear motor
- · Pump hose kit included
- Suction kit flexible
- Injection valve with G 1/2" connection

### SPARE PARTS dinodos GO:

Pump hose kit including hose connection 6/4 mm, capacity 6.0 l/h	Ė	0204-061-00	В	
Roller rotor	-	0204-062-00	В	

## DIAPHRAGM DOSING PUMPS





ART. NO.



### "dinodos digital economy" DDE

The "dinodos digital economy" is a compact diaphragm dosing pump with speed-controlled stepper motor control and intelligent control electronics for a dosing range 0.006 to 6.01/h or 0.015 - 151/h. Owing to the stepper motor, 'dinodos digital economy' dosing pumps always work with full stroke to provide an optimum dosing accuracy. Owing to the stepper motor control, a low-pulsation, continuous dosing is possible, even at low dosing volume flow rates. The flexible mounting plate allows for wall and floor installation without additional mounting accessories. The pressure stroke speed (analog dosing quantity) or ml/pulse is set from 0.01% to 100% of the max. performance of the dosing pump via a rotary knob on the front.

#### The dosing head consists of:

- Robust and durable solid PTFE diaphragm
   Double valves for maximum dosing accuracy
- · Vent spindle for an easy start-up or ventilation

### Operating modes:

- Manual dosing (setting 0.01%-100%)
  Quantity-based dosing via pulse input

### Other features:

- Vent button (100%) for ventilation or commissioning
- Switch button Manual/Pulse input
   Status LED for manual or pulsed operation
- Mechanical lock of adjustment wheel to prevent unauthorised operation

#### Inputs/Outputs:

- Input for pulse input and ext. start/stop Input for puise input and case.
   Input for single-stage level monitoring

Model	Dosing head made of PVC/ EPDM (standard)	Dosing head made of PVDF/ FPM/ceramics (electrolysis systems)	Pump capacity (I/h)	Max. operating pressure (bar)		ART. NO.	
DDE - dinodos digital economy 6-10	x	-	0.006 - 6.0	10	*	0210-828-00	Α
DDE - dinodos digital economy 15-4	x	-	0.015 - 15.0	4	Ė	0210-829-00	Α
DDE - dinodos digital economy 6-10	-	x	0.006 - 6.0	10	*	0210-828-01	Α
DDE - dinodos digital economy 15-4	-	x	0.015 - 15.0	4	*	0210-829-01	Α

### **DINOTEC PROPORTIONAL DOSING UNIT**



With injection point 0284-021-00, suction line, foot valve, filter including tank low-level signal.

IN IECTION VALVE	♠ 0284-021-00	R
With water meter 20 m <sup>3</sup> /h (R 1½")	<b>210-802-05</b>	В
With water meter 10 m <sup>3</sup> /h (R 1")	<u> </u>	В
With water meter 5 m <sup>3</sup> /h (R <sup>3</sup> / <sub>4</sub> ")	<u> </u>	В
With water meter E m <sup>3</sup> /h (D 3///)	<b>♣</b> 0310 000 0E	D



R 1/4" with hose connection 6/4 mm

For proportional dosing unit with immersion tube 10 mm



Select the appropriate accessories (suction lances, injection valves, etc.) from page 73.

### DIAPHRAGM DOSING PUMP DMX



Robust diaphragm dosing pump without AR control unit with manual stroke adjustment 10-100%, with dosing head and valves in PVC/Viton, diaphragm PTFE including standard connections, different performance levels.

The pumps are also suitable for chlorine produced by MZE electrolysers.

Supply voltage: 230V / 50Hz Protection class: IP 65

		Strokes max. p			
/lodel	Throughput I/h Max. pressure	bar min.	Connection (DN)	ART. NO.	
DMX 16-10 B	16 10	120	8	0210-787-01	В
DMX 27-10 B	27 10	120	8	<ul><li>0210-777-01</li></ul>	В
DMX 35-10 B	35 10	120	8	0210-778-01	В
DMX 50-10 B	50 10	120	8	<b>2</b> 0210-782-01	В
DMX 75-4 B	75 4	120	20	<b>2</b> 0210-786-01	В
DMX 115-3 B	115 3	120	20	<ul> <li>0210-779-01</li> </ul>	В
DMX 132-10 B	132 10	120	20	<b>2</b> 0210-850-01	В
DMX 160-5 B	160 5	120	20	<b>0210-852-01</b>	В
DMX 224-5 B	224 5	120	20	<b>2</b> 0210-854-01	В

ACCESSORIES		
Wall bracket for dosing pumps 226 series, material PP	<b>0284-107-00</b>	В
Pulsation damper input/output; 2 x DN 8; 8.5 bar; PVC clear	<b>280-087-00</b>	В
Pulsation damper input/output; 2 x DN 20 / d 25; 3 bar; PVC clear	<b>0280-087-05</b>	В
Pressure control valve; DN 4/8; PVC; wall fastening; connection 6/4 and 12/6mm	<b>0280-082-00</b>	В
Pressure control valve; DN 20; PVC; wall fastening; connection 12/20mm	<b>0280-084-00</b>	В
Overflow valve; DN 4/8; PVC; wall fastening; connection 6/4 and 12/6mm	<b>0280-089-00</b>	В
Overflow valve, DN 20, PVC, pipe installation, adjustable opening pressure	<b>0280-088-00</b>	В
Injection valve PVC with combo-plug R $\frac{1}{2}$ ", immersion depth 60 mm, connection DN 4, DN 8, pipe 12 x 1.4 mm.	<b>1</b> 0204-126-00	В
Injection valve DN 20; PVC; with non-return valve, spring-loaded	<b>0280-094-00</b>	В
Dosing line, 13/20 mm; DN 20; PVC clear, fabric reinforced	<b>1320-100-00</b>	Α
Dosing line, 19/27 mm; DN 20; PVC clear, fabric reinforced	<b>1320-101-00</b>	Α

## DOSING TECHNOLOGY **DOSING TANK**



DESCRIPTION

ART. NO.



### DOSING TANK

Natural-transparent in LLDPE (type: FD-C) with screw cap and EPDM gasket, liter scale, drain connection R %", molded-in screw socket , not drilled.

Content (I)	Tank Ø (mm)	Height (mm)	ART. NO.
75	460	600	<b>⊘ 0100-356-00</b> B
100	460	760	<b>≈ 0100-357-00</b> B
200	600	880	<b>⊘ 0100-358-00</b> B
300	670	1030	<b>≈ 0100-359-00</b> B
500	790	1170	<b>✓ 0100-360-00</b> B
1000	1100	1240	<b>≥ 0100-361-00</b> B

## **ACCESSORIES**

All electric agitators (400V) are made of stainless steel (1.4571).			
Manual agitator PVC for tank; 70 - 100 l	7	0100-365-00	В
Mounting manual agitator		0100-366-00	В
Mounting plate in PE for electrical agitator	· ·	0100-367-00	В
Mounting plate in PE for dosing pump		0100-368-00	В
PVC plug ¾" including Viton gasket		0100-369-00	В
Agitator electr. for dosing tank 200-400l; 0.25kW		0280-220-00	Α
Agitator electr. for dosing tank 500 l; 0.37kW		0280-222-00	Α
Agitator electr. for dosing tank 1000 l; 0.75kW		0280-224-00	Α
Low-level signal (PVC) for tanks 70-1000l; adjustable in height		0280-061-01	Α

## **DOSING TECHNOLOGY**

# **SAFETY COLLECTING TANK**



### **SAFETY COLLECTING TRAY WITH HANDLE**

ART. NO. 0104-201-00



60 l Capacity:

Container size: 35/40 kg

Dimensions: 48 x 48 x 37 cm

### SAFETY COLLECTING TANK

Гуре	Tank Ø (mm)	leight (mm)	ART. NO.
SBO 80	500	540	✓ 0100-371-00 Y
SBO 120	500	700	<b>3041-318-00</b> B
SBO 210	650	740	<b>⊘ 0280-214-00</b> B
SBO 320	770	810	<b>20280-216-00</b>
SBO 500	860	980	<b>✓ 0280-212-00</b> B
SBO 1000	1150	1080	<b>≈ 0280-211-00</b> B

# **DOSING EQUIPMENT / ACCESSORIES**



	DESCRIPTION		ART. NO.	
	INJECTION VALVE PVC	10	0284-025-00	В
	<ul> <li>With immersion pipe 30 mm, R ¼</li> <li>Hose connection 6/4 mm</li> </ul>			
	INJECTION VALVE PVC	ń	0284-026-00	В
-	<ul> <li>With immersion pipe 85 mm, R ¼</li> <li>Hose connection 6/4 mm</li> </ul>			
	Valve hose for injection valve	ı	0284-050-00	В
	<ul><li> 1 bag of 10 pieces</li><li> 8 mm long</li><li> Inner diameter: 8 mm</li></ul>			
4000A	INJECTION VALVE PVC			
	<ul> <li>With hose valve R ½" male thread</li> <li>Cleanable with ball valve</li> <li>Max. immersion depth 110 mm</li> </ul>			
	Hose connection 6/4 mm, DN 4	ń	0284-029-00	В
	Injection lance DN 4 (spare lance)	ń	0200-100-00	В
	Hose connection 12/6 mm, DN 8	10	0280-102-00	В
	Injection lance DN 8 (spare lance)	-	0200-101-00	В
	O-ring for injection lance DN 4/DN 8 (spare part)		0200-101-00	В
	INJECTION VALVE PVC	8		В
	<ul> <li>With combo-plug R ½"</li> <li>Immersion depth 60 mm</li> <li>Connection DN 4/ DN 8</li> <li>Pipe 12 x 1.4 mm.</li> </ul>		0204 120 00	
-	INJECTION VALVE PVC	ń	0284-022-00	В
	R ¼" with hose connection 6/4 mm     Open, with ball valve			
	INJECTION VALVE PVC	ń	0284-023-00	В
ALL	- Open with immersion pipe, DN 4 / R $\mbox{\em $W$}^*$ , with ball valve - For EasyFloc flocculation systems			
Alm.	REDUCER	ń	0284-027-00	В
	• R ½" – R ¼" for injection valve PVC (Art. no. 0284-026-00)			
	DOSING LINE PE	ń	0284-040-00	В
	<ul> <li>Für dinodos pump 6/4 mm</li> <li>standard, for pH raise/reduce and flocculation</li> <li>Price per meter</li> </ul>			
	DOSING LINE PTFE			
	<ul> <li>Für dinodos pumps</li> <li>PTFE for extreme loads, for chlorine, dinofresh and Poolcare, per meter</li> <li>Price per meter</li> </ul>			
	6/4 mm, per meter	•	0284-040-01	В
	8/6 mm, per meter	<u> </u>	0284-039-00	В
	DOSING LINE PVC		0284-140-00	В
	Für dinodos pumps 14 l PVC 12/6 mm DN 8, fabric-lined Price per meter			
	SUCTION LINE, FLEXIBLE		0284-098-00	В
O\	For peristaltic dosing pumps  With MÜ 61 screw lid for containers  Without float switch, ball check valve and plug  Hose 6/4mm, DN4, hose length 1.5m			
-	SUCTION LINE, FLEXIBLE		0284-103-00	В
	For dosing pumps HL, HFL, F, HF			
Box	<ul> <li>With MU 61 screw lid for containers</li> <li>Ball check valve and float switch with 2-pin plug</li> <li>Hose 6/4mm, DN4, hose length 1.5m</li> </ul>			
1	SUCTION LINE, FLEXIBLE			
$\mathcal{L}$	for peristaltic dosing pumps Concept, easy, START			
	<ul> <li>With MÜ 61 screw lid for containers</li> <li>With float switch, without ball check valve</li> <li>Hose 6/4mm, DN4, hose length 1.5m</li> </ul>			
	With low level cable without plug		0284-096-00	В



Injection valve 0284-025-00 and reduction 0284-027-00 are required to replace the injection valve of the CF Control 100 and CF Control 100 RUN EASY with dinodos GO dosing pumps.

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DESCRIPTION ART. NO.



### **SUCTION LANCE, RIGID**

- · Height adjustable, for 20/30l containers
- With MÜ 61 screw lid
- Ball check valve and float switch with 2-pin plug
   Hose length 1.5m

· noselengti i.siii			
For HL, HFL, F, HF	•	0284-104-00	В
Hose connection DN4, 6/4mm			
For HF, H221 >11l/h to 50l/h		0284-104-01	В
Hose connection DN8, 12/6mm			
Suction lance rigid with low-level signal; hose connection DN 4		0284-104-02	В
For Start, Concept			
<ul> <li>For PC DYNAMICS (with 2 conductors for direct connection)</li> </ul>			
<ul> <li>For CF Control 100 (with 2 conductors for direct connection)</li> </ul>			



### **SUCTION LANCE, RIGID**

- Height adjustable, for 20/30l containers
- With MÜ 61 screw lid
- · Ball check valve and float switch with M12 plug
- Hose length 1.5m

For DDE/DDC/DDA < 7.5l/h Hose connection DN4, 6/4mm	Ė	0284-104-90	В	
For DDE/DDC/DDA > 7.5l/h up to 50l/h Hose connection DN8, 12/6mm	Ė	0284-104-91	В	



### SUCTION LANCE FOR A CONTINUOUS LEVEL MEASUREMENT (CLM), RIGID

- Height adjustable, for 20/30l containers
- With MÜ 61 screw lid
   For dinodos START LEVEL BUS and peristaltic pumps up to 11I/h in connection with container fill level measurement
  Hose length 1.5m

PRESSURE CONTROL VALVE		0280-082-00	В	
function  Hose connection DN8, 12/6mm				
With ball check valve, for diaphragm dosing pumps > 7.51/h up to 501/h, with CLM	1	0284-109-03	В	
Suction lance rigid, DN4, adjustable in height, suitable for CLM fill level measurement for 12 I canisters Hose connection DN4, 6/4mm	*	0284-109-06	В	
For dinodos START LEVEL BUS and peristaltic dosing pumps with CLM function  Hose connection DN4, 6/4mm	*	0284-109-00	В	

**0280-089-00** 

**1000-044-00** 

**0284-108-02** 

**1** 0204-179-02



 $\,$  PVC, DN 4 / DN 8, adjustable via PTFE diaphragm, to be used if there is no counter-pressure, with hose connection 6/4 mm and 12/6 mm.
Version: Hose assembly with wall mounting



### **OVERFLOW VALVE**

PVC, DN 4 / DN 8, opening pressure adjustable with PTFE diaphragm, with hose connection 6/4 mm and 12/6 mm.

Version: Hose assembly with wall mounting



## DIAPHRAGM

For pressure control or overflow valve DN 4/8



### ADAPTER (THREADED CONNECTION)

• For pressure control valve PVC, DN 4/DN 8, Art. no. 0280-082-00, for use directly on pump head (pump head assembly).

Up to MEGA 6.0 l/h pumps



### ADAPTER (THREADED CONNECTION)

· 3/8" inside to hose connection 6/12 mm



## FREQUENCY CABLE WITH CONNECTOR

- · For dinodos HL, MEGA and DDE (contact input)
  - e.g. frequency signal from measuring and control device





## • For dinodos HL, MEGA and DDE (contact output)

- e.g. remote transmission of low-level signal
   Length = 2.0m