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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.

DOSING TECHNOLOGY

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 m³ and for outdoor pools up to about 70 m³ (e.g. in the public sector). Handling of the system is safe and simple.

Safe:

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



Easy:

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

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 Cl₂/l)
- + High storage stability - no formation of chlorate



	DESCRIPTION	ART. NO.	
	<p>InnoDOS CHC COMPLETE UNIT</p> <ul style="list-style-type: none"> • 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 • Safety casing for dosing pump • Collecting 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 	<p>0270-200-00</p>	<p>A</p>
	<p>InnoDOS SLIMLINE 10-60</p> <ul style="list-style-type: none"> • 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 console • 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 	<p>0270-202-00</p>	<p>C</p>

ACCESSORIES

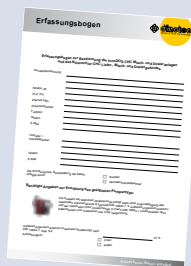
DESCRIPTION ART. NO.

SPARE PARTS AND ACCESSORIES FOR INNODOS

Diaphragm kit, diameter 24, TFM-coated	0270-210-00	Y
Diaphragm kit, diameter 33, TFM-coated	0270-211-00	Y
Diaphragm kit, diameter 39, TFM-coated	0270-212-00	Y
Spare parts set PVC, valves FPM/glass/PVDF	0270-213-00	Y
Spare parts set Pentabloc G5/8 FPM	0270-214-00	Y
0.1l activated carbon filling	0270-215-00	Y
3.0l activated carbon filling	0270-216-00	Y
Gasket kit for filling device	0270-217-00	Y
Connection for filling device (for 25l supply units)	0270-218-00	Y
Connection for filling device (for 60l supply units)	0270-219-00	Y
Angle connection G½" female cpl. with stop Hose connection 19 mm (¾")	0270-220-00	Y
Connector G½" female (plug system connector)	0270-221-00	Y
Safety gloves, size 10	0420-010-00	A
Protective apron made of rubber	0420-011-00	A
Protective goggles	0300-430-00	A

i INFO

ORDER INFORMATION



We will be happy to send our data sheet to facilitate the dimensioning of your system. You can optionally download the sheet from our [Standard form center](#).



DOSING TECHNOLOGY

Nüscchlor CHC granules

Suitable disinfectant granules



PRODUCT INFORMATION

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

DESCRIPTION		PACK.		ART. NO.	
		UNIT	UNITS		
Nüscchlor CHC granules	 	18 kg	1	 1010-190-00	Z
		7,5 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 10)
- + We deliver high-quality, approved granulate according to the Biocidal Products Regulation
- + No problems with chlorates
- + Compatible with dinotec measuring, control and dosing systems



DESCRIPTION	ART. NO.	
 <p>GRANUDOS 45-Touch/HCS0</p> <p>Dosing unit for calcium hypochlorite granules as well as acid for disinfection and control of pH in swimming pool water.</p> <p><u>Delivery includes:</u></p> <ul style="list-style-type: none"> • Pedestal with drum turning device • Chlorine dosing • Acid dosing • Dissolving system • Touch control 	3422-255-38	B
 <p>IR SENSOR 18X1 CYCLONE GPL/GR TOUCH</p> <p>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%. Text for IR sensor 3422-220-00</p> <p>The Granudos 45-Touch/HCS0 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 works.</p> <p><u>Delivery includes:</u></p> <ul style="list-style-type: none"> • 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 <p><u>Switching unit:</u></p> <ul style="list-style-type: none"> • 2 control valves DN20 (electric or pneumatic) 	3422-220-00	A
 <p>BUFFER TANK</p> <p>Buffer tank GR 300 l</p>	3422-197-00	B
 <p>GRANUDOS DOSING SYSTEMS 10-S5</p> <p>Dosing system for calcium hypochlorite granules and acid for disinfection of swimming pool water. Chlorine is added directly from the integrated filling hopper (5 kg), acid is added from the supply container. Chlorine granules and acid are alternately added into the dissolving unit with pauses in between.</p> <p><u>Delivery includes:</u></p> <ul style="list-style-type: none"> • Body Assembly • Chlorine dosing • Acid dosing • Dissolving system • Microprocessor control 		
GRANUDOS 10 S5 (filling hopper 5 kg)	3422-217-00	B
GRANUDOS 10 S5 (filling hopper 10 kg)	3422-218-00	B
GRANUDOS 10 S5 (filling hopper 15 kg)	3422-219-00	B

SUITABLE DISINFECTANT GRANULES

DESCRIPTION	UNIT	PACK. UNITS	ART. NO.	
DINOTECHLOR 75 GRANULES   Inorganic chlorine granules with an active chlorine content of about 70% for disinfection of swimming pool water to DIN 19643. Suitable for shock or continuous treatment.	10 kg	1	1010-176-00	F
	1 kg		1010-177-10	F
	45 kg	1		
CHEMOCLOR CH GRANULES   Fast dissolving inorganic chlorine granules with a chlorine content of about 70 %. Suitable for shock and continuous treatment. (Ideal value 0.3-0.6 mg/l)	10 kg	1	0401010C	H
	45 kg	1	0401045C	H

INFO



Other GRANUDOS dosing systems, accessories, spare parts on request.
The systems are supplied with a filling hopper for chlorine from Chemoform and dinotec.
Other filling hoppers on request.

DOSING TECHNOLOGY

EasyFloc 12 DOSING SYSTEM


Basis for top water quality!



PRODUCT INFORMATION

Easy and effective flocculation with the smart EasyFloc 12. The parameters circulation rate (m³/h) and dosing rate (ml/m³) are set via the user interface of the pump. No laborious volumetric measurements necessary. The required amount of flocculant is calculated and added automatically. The flocculant 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.	
	<p>EasyFloc 12</p> <p>Programmable, automatic flocculant dosing unit for one filter circulation. The system covers circulation rates from 10 to 800 m³/h (with a dosing capacity of 1.5 ml/m³). 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 incl. float switch for low level control, injection valve, and connection accessories.</p> <p>Mains voltage: 230V, 50/60Hz Max. pressure: 1.5 bar Dosing capacity: 0.1 - 1.5 cm³/m³ circulation rate</p>	<p>0260-588-90</p>	<p>B</p>
SPARE PARTS FOR EasyFloc 12			
	<p>Pump hose kit</p>	<p>0204-021-00</p>	<p>B</p>
	<p>Rotor</p>	<p>0204-026-00</p>	<p>B</p>

INFO

Select the appropriate accessories (suction lances, vaccination valves, etc.) from page 403



DESCRIPTION	ART. NO.		
PERISTALTIC DOSING PUMP dinodos START LEVEL BUS			
 <p>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 continuous level measurement feature for the supply container is integrated in the dinodos START LEVEL BUS, the level is transferred via the dinotec BUS to a dinotecNET* or an AquaTouch* system for further evaluation. Error messages are displayed on the pump and are additionally transmitted via the dinotec BUS.</p>	dinodos START LEVEL BUS / 0-1200 ml/h	0220-283-90	B
	dinodos START LEVEL BUS / 45-11000 ml/h	0220-280-90	B
SPARE PARTS dinodos STAR LEVEL BUS:			
	Pump hose kit 0 - 1200 ml/h	0204-021-00	B
	Pump hose kit 45 - 11000 ml/h	0204-023-00	B
	Rotor	0204-026-00	B
PERISTALTIC DOSING PUMP dinodos START			
 <p>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 pump. With integrated dosing pump hose (d 8mm) and hose connection (4/6 mm). Input for low level signal containers and failure output are available, a broken pipe 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 a minute by pressing a button. Operating conditions are signalled via LEDs.</p>	0220-282-00	B	
SPARE PARTS dinodos START:			
	Pump hose kit	0204-023-00	B
	Rotor	0204-026-00	B
PERISTALTIC DOSING PUMP dinodos EASY			
 <p>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, incl. pump hose kit.</p>	0220-270-00	B	
SPARE PARTS dinodos EASY:			
	Pump hose kit	0204-023-00	B
	Rotor	0204-026-00	B
PERISTALTIC DOSING PUMP dinodos GO			
 <p>dinodos GO for dosing of liquid chemicals used in pool water treatment.</p> <ul style="list-style-type: none"> Flow rate up to 6 l/w at a counter-pressure of 1.5 bar, 230 V, gear motor Incl. pump hose kit Suction kit flexible Injection valve with G 1/2" connection 	0220-278-00	B	
SPARE PARTS dinodos GO:			
	Pump hose kit incl. hose connector 6/4 mm, capacity max. 6.0 l/h	0204-061-00	B
	Roller rotor	0204-062-00	B

DIAPHRAGM DOSING PUMPS



DESCRIPTION

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 6.0l/h or 0.015 - 15l/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 single-stage level monitoring

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

DINOTEC PROPORTIONAL DOSING UNIT

With injection point 0284-021-00, suction line, foot valve, filter incl. tank empty signal.
208-3.0, 230 V, 50 Hz

With water meter 5 m³/h (R ¾")

0210-800-05

B

With water meter 10 m³/h (R 1")

0210-801-05

B

With water meter 20 m³/h (R 1½")

0210-802-05

B

INJECTION VALVE

0284-021-00

B

R ¼" with hose connection 6/4 mm
For proportional dosing unit with immersion tube 10 mm

INFO

Select the appropriate accessories (suction lances, vaccination valves, etc.) from page **403**

DESCRIPTION

ART. NO.

**DIAPHRAGM DOSING PUMP dinodos H 221 / H 226**

Robust diaphragm dosing pump dinodos H 221 / H 226 with manual stroke adjustment 10-100%, with dosing head and valves in PVC/Viton/glass, diaphragm PTFE incl. standard connections, different performance levels.

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

Supply voltage: 230V / 50Hz

Protection class: IP 65

Model	Throughput l/h	Max. pressure bar	Strokes max. p. min.	Connection (DN)	ART. NO.	
H221-16	16	10	120	8	0210-787-01	B
H221-27	27	10	120	8	0210-777-01	B
H221-35	35	10	120	8	0210-778-01	B
H221-50	50	10	120	8	0210-782-01	B
H221-75	75	4	120	20	0210-786-01	B
H221-115	115	3	120	20	0210-779-01	B
H226-132	132	10	120	20	0210-850-01	B
H226-160	160	5	120	20	0210-852-01	B
H226-210	210	5	120	20	0210-854-01	B

ACCESSORIES

Wall bracket for dosing pumps series H221 and H226, material PP	0284-107-00	B
Pulsation damper input/output; 2 x DN 8; 8.5 bar; PVC clear	0280-087-00	B
Pulsation damper input/output; 2 x DN 20 / d 25; 3 bar; PVC clear	0280-087-05	B
Pressure control valve; DN 4/8; PVC; wall fastening; connection 6/4 and 12/6mm	0280-082-00	B
Pressure control valve; DN 20; PVC; wall fastening; connection 12/20mm	0280-084-00	B
Overflow valve; DN 4/8; PVC; wall fastening; connection 6/4 and 12/6mm	0280-089-00	B
Overflow valve, DN 20, PVC, pipe installation, adjustable opening pressure	0280-088-00	B
Injection valve DN 4/8; PVC; combination connection with non-return valve	0204-126-00	B
Injection valve DN 20; PVC; with non-return valve, spring-loaded	0280-094-00	B
Dosing line, 13/20 mm; DN 20; PVC clear, fabric reinforced	1320-100-00	A
Dosing line, 19/27 mm; DN 20; PVC clear, fabric reinforced	1320-101-00	A

DOSING TECHNOLOGY

DOSING TANK



DESCRIPTION	ART. NO.
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DOSING TANK
 Natural-transparent in LLDPE (type: FD-C) with screw cap and EPDM gasket, liter scale, drain connection R 3/4", molded-in screw socket , not drilled
























Content (l)	Tank Ø (mm)	Height (mm)	ART. NO.
75	460	600	0100-356-00 B
100	460	760	0100-357-00 B
200	600	880	0100-358-00 B
300	670	1030	0100-359-00 B
500	790	1170	0100-360-00 B
1000	1100	1240	0100-361-00 B

ACCESSORIES

All electric agitators (400V) are made of stainless steel (1.4571).

Manual agitator PVC for tank; 70 - 100 l	0100-365-00 B
Mounting manual agitator	0100-366-00 B
Mounting plate in PE for electrical agitator	0100-367-00 B
Mounting plate in PE for dosing pump	0100-368-00 B
PVC plug 3/4" incl. Viton gasket	0100-369-00 B
Agitator electr. for dosing tank 200-400l; 0.25kW	0280-220-00 A
Agitator electr. for dosing tank 500 l; 0.37kW	0280-222-00 A
Agitator electr. for dosing tank 1000 l; 0.75kW	0280-224-00 A
Empty signal (PVC) for tanks 70-1000l; adjustable in height	0280-061-01 A



	DESCRIPTION	ART. NO.		
	INJECTION VALVE PVC With immersion pipe 30 mm, R ¼ Hose connection 6/4 mm	 0284-025-00	B	
	INJECTION VALVE PVC With immersion pipe 85 mm, R ¼ Hose connection 6/4 mm	 0284-026-00	B	
	Valve hose for injection valve, length 500 mm	 0284-050-00	B	
	INJECTION VALVE PVC With hose valve R ½" male thread, cleanable with ball valve, max. immersion depth 110 mm			
	Hose connection 6/4 mm, DN 4	 0284-029-00	B	
	Injection lance DN 4 (spare lance)	 0200-100-00	B	
	Hose connection 12/6 mm, DN 8	 0280-102-00	B	
	Injection lance DN 8 (spare lance)	 0200-101-00	B	
	O-ring for injection lance DN 4/DN 8 (spare part)	 0200-102-00	B	
	INJECTION VALVE PVC With combo-plug R ½", immersion depth 60 mm, connection DN 4, DN 8, pipe 12 x 1.4 mm.	 0204-126-00	B	
	INJECTION VALVE PVC R ¼" with hose connection 6/4 mm Open, with ball valve	 0284-022-00	B	
	INJECTION VALVE PVC Open with immersion pipe, DN 4 / R ¼", with ball valve For EasyFloc flocculation systems	 0284-023-00	B	
	REDUCER R ½" – R ¼" for injection valve PVC (Art. no. 0284-026-00)	 0284-027-00	B	
	DOSING LINE PE For dinodos pumps 6/4 mm in PE, STANDARD for pH raise/reduce and flocculation, per meter	 0284-040-00	B	
	DOSING LINE PTFE For dinodos pumps, PTFE for extreme loads, for chlorine, dinofresh and Poolcare, per meter			
	6/4 mm, per meter	 0284-040-01	B	
	8/6 mm, per meter	 0284-039-00	B	
	DOSING LINE PVC For dinodos pumps 14 liters, PVC 12/6 mm, DN 8, with fabric lining, per meter	 0284-140-00	B	
	SUCTION LINE, FLEXIBLE 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	 0284-098-00	B	
	SUCTION LINE, FLEXIBLE For dosing pumps HL, HFL, F, HF • With MÜ 61 screw lid for containers • Ball check valve and float switch with 2-pin plug • Hose 6/4mm, DN4, hose length 1.5m	 0284-103-00	B	
	SUCTION LINE, FLEXIBLE for peristaltic dosing pumps Concept, easy, START • With MÜ 61 screw lid for containers • With float switch, without ball check valve • Hose 6/4mm, DN4, hose length 1.5m			
	With low level cable without plug	 0284-096-00	B	

PRO TIP

NOTE

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.

	DESCRIPTION	ART. NO.		
	SUCTION LANCE, RIGID <ul style="list-style-type: none"> 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 			
	For HL, HFL, F, HF Hose connection DN4, 6/4mm	 0284-104-00	B	
	For HF, H221 >11l/h to 50l/h Hose connection DN8, 12/6mm	 0284-104-01	B	
	Suction lance rigid with empty signal; hose connection DN 4 <ul style="list-style-type: none"> For Start, Concept For PC DYNAMICS (with 2 conductors for direct connection) For CF Control 100 (with 2 conductors for direct connection) 	 0284-104-02	B	
	SUCTION LANCE, RIGID <ul style="list-style-type: none"> 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	 0284-104-90	B	
	For DDE/DDC/DDA > 7.5l/h up to 50l/h Hose connection DN8, 12/6mm	 0284-104-91	B	
	SUCTION LANCE FOR CONTINUOUS LEVEL MEASUREMENT (CLM), RIGID <ul style="list-style-type: none"> Height adjustable, for 20/30l containers With MÜ 61 screw lid For dinodos START LEVEL BUS and peristaltic pumps up to 11l/h in connection with container fill level measurement Hose length 1.5m 			
	For dinodos START LEVEL BUS and peristaltic dosing pumps with CLM function Hose connection DN4, 6/4mm	 0284-109-00	B	
	With ball check valve, for diaphragm dosing pumps > 7.5l/h up to 50l/h, with CLM function Hose connection DN8, 12/6mm	 0284-109-03	B	
	PRESSURE CONTROL VALVE <p>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</p>	 0280-082-00	B	
	OVERFLOW VALVE <p>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</p>	 0280-089-00	B	
	DIAPHRAGM <p>For pressure control or overflow valve DN 4/8</p>	 0200-044-00	B	
	ADAPTER (THREADED CONNECTION) <p>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</p>	 0284-108-02	B	
	ADAPTER (THREADED CONNECTION) <p>3/8" inside to hose connection 6/12 mm</p>	 0204-179-02	B	
	FREQUENCY CABLE WITH CONNECTOR <p>For dinodos HL, MEGA and DDE (contact input) e.g. frequency signal from measuring and control device Length = 1.5m</p>			
	Bush straight	 0204-115-00	B	
	Bush angled	 3054-225-00	B	
	FEEDBACK CABLE WITH CONNECTOR <p>For dinodos HL, MEGA and DDE (contact output) e.g. remote transmission of empty signal Length = 2.0m</p>	 0204-116-00	B	