

Solenoid metering pump CONCEPT^{PLUS} 180 strokes/min

NEW: With universal connection voltage 100 V-230 V, 50/60 Hz



The product range CONCEPT^{PLUS} covers the performance range from 0.74 l/h-10 bar to 14.9 l/h-1.5 bar. With its compact structure it is equally suitable for both conventional installation on a bracket or chemical tank and installation in machines such as slide grinding systems, car wash systems and dish-washers.

The metered quantity can be steplessly adjusted by means of the stroke length over a range of 10 % - 100 % and in four levels by means of the stroke rate. This results in an adjustment range of 1:40. As well as manual stroke rate adjustment the pump can be controlled by potential-free contacts from a water meter or controller. The pump can also be activated and deactivated with a potential-free contact.

The necessary retrofitting can be carried out at the customer's premises with a specially designed external control retrofit kit. This reduces storage costs without limiting flexibility.

A 'level' retrofit kit is available for connecting a level switch. The dosing heads are available in the material combinations PPE 2, PVT 2 and NPB 2 with bleed valve to cover virtually all metering tasks in water treatment.

CONCEPT^{PLUS} offers uncompromising quality and reliability at an extremely affordable price.

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Type	Type Pump capacity at max. back pressure			Pump capacity at medium back pressure			Stroke rate	Connection size outØ x inØ	Suction lift*	Shipping weight
	bar	l/h	ml/stroke	bar	l/h	ml/stroke	Strokes/min.	mm	mWs	approx. kg
CNPb 1000	10	0.74	0.07	5	0.97	0.09	180	6x4	6	1.8
CNPb 1601	16	1.1	0.10	8	1.4	0.13	180	6x4	6	1.8
CNPb 1002	10	21	0.19	5	2.6	0.24	180	6x4	5	1.8
CNPb 0704	7	3.9	0.36	3,5	4.4	0.41	180	6x4	4	1.8
CNPb 0309	3	9.0	0.83	1,5	13.0	1.20	180	8x5	2	1.8
CNPb 0215	1.5	16.4	1.52	1	18.3	1.70	180	8x5	1.5	1.8

* Suction lift with a filled dosing head and suction line
Electrical connection: 100 V -230 V, 50/60 Hz
The system includes: 2 m mains cable with standard European plug, foot valve, injection valve, 2 m suction line and 5 m discharge line

Optional: External control retrofit kit 2 m control cable and level retrofit kit for connecting a one-stage level switch

Order no. 1046731

Wetted materials in different versions

Liquid end	Dosing head	Suction/pressure connector	Valve ball	Seals
PPE	Polypropylene	Polypropylene	Ceramic	EPDM
NPB	Acrylic	PVC	Ceramic	FPM B
PVT	PVDF	PVDF	Ceramic	PTFE

* DEVELOPAN® diaphragms with PTFE support in all versions