

Pentair®: Inspired solutions for a changing world.™

Pentair Ltd. is a global, diversified industrial company in the space of fluid management. Pentair has proven products, services and solutions in the area of filtering and processing fluid, moving and controlling flow of liquids, enclosing and protecting equipment and managing heat to maintain critical processes. It has revenues of approximately \$8 billion and 30,000 employees dedicated to delivering value to customers across six continents.

Pentair offers integrated fluid solutions across industrial, municipal, commercial building, and residential markets.



CORPORATE OFFICE
Green Boulevard
B-9/A, 7th Floor, Tower B
Sector 62, Noida-201301
Phone: + 91 120 419 9444
Fax: +91 120 419 9400

REGISTERED OFFICE & MANUFACTURING FACILITY
L/52-55,
Verna Industrial Area
Verna, Goa - 403 722
Phone: +91 832 288 3300
Fax: +91 832 288 3312

REGIONAL OFFICE - MUMBAI
804, Windsor, Off CST Road,
Near Bandra-Kurla Complex,
Kalina, Santacruz (E),
Mumbai - 400 098
Tel. No.: +91 22 61310600

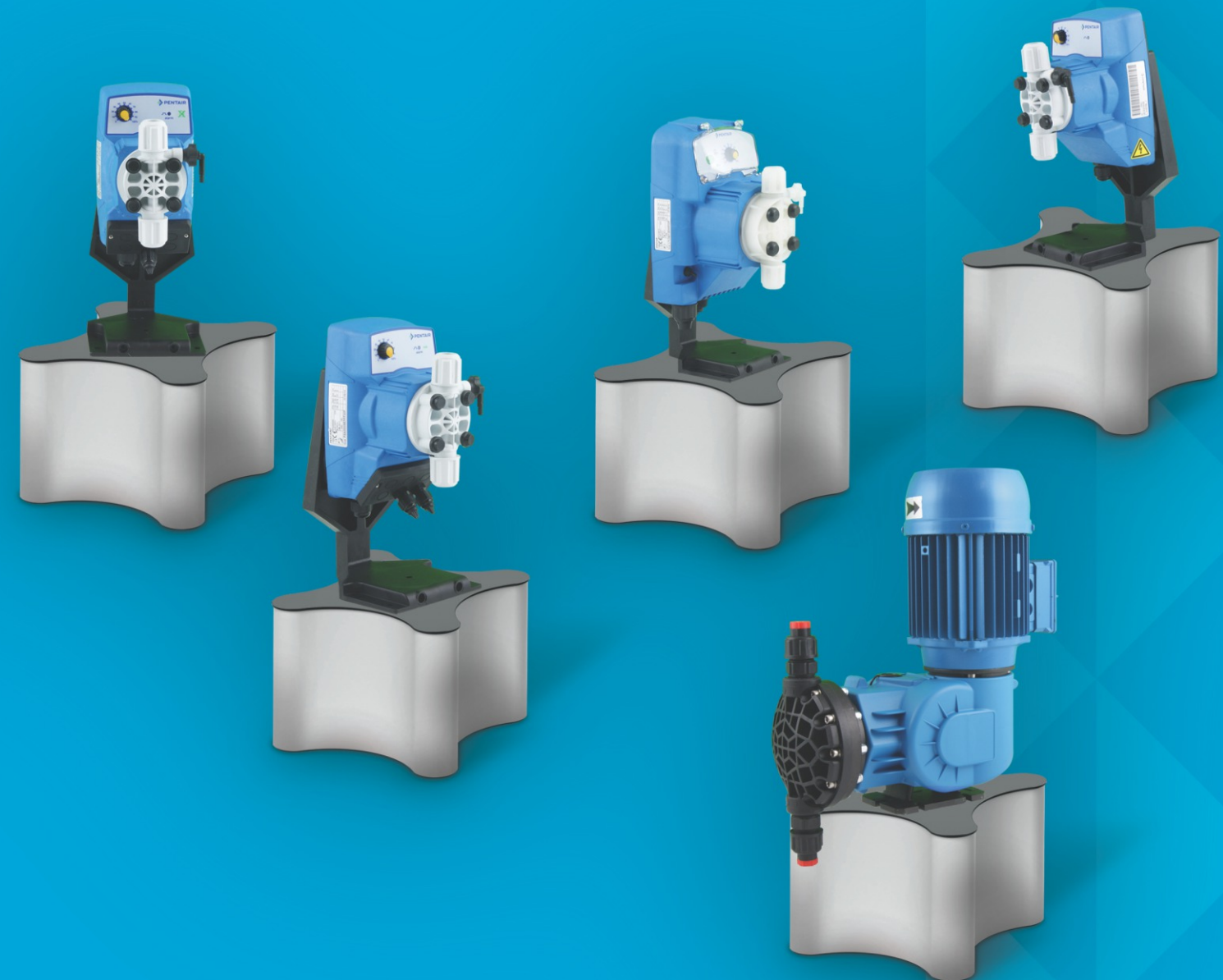
REGIONAL OFFICE - CHENNAI
Eurocon Tiles, 3rd Floor,
No.161 Greams Road, Land
Mark Near Apollo Hospital.
Chennai - 600 006
Phone: +91 44 42122046

REGIONAL OFFICE - AHMEDABAD
503, Sukh Sager Complex,
Ashram Road, Usmanpura,
Near Fortune Landmark,
Ahmedabad - 380 013
Phone: +91 79 30620174

PENTAIR MIDDLE EAST
PENTAIR Filtration & Process
P.O Box 7709, Floor #22, API World Towers
Near World Trade Center Metro Station
Sheikh Zaid Road, Dubai - United Arab Emirates
Office: +971 4 3781700
Fax: +971 4 3781777

FILTRATION AND PROCESSING SOLUTION

Email : marketing.india@pentair.com Website : www.pentair.co.in, www.pentair.com



DOSING PUMPS

FILTRATION AND PROCESSING SOLUTIONS

WWW.PENTAIR.COM, WWW.PENTAIR.CO.IN

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Precision

is the degree of exactness with which a quantity is measured

Not a drop more,
not a drop less...

...because
every drop counts

Pentair Dosing Pumps

Pentair is a global water, fluid, thermal management, and equipment protection partner with industry leading products, services, and solutions. Pentair produces a range of accurate and high performance for use across an entire spectrum of industrial processes and applications.

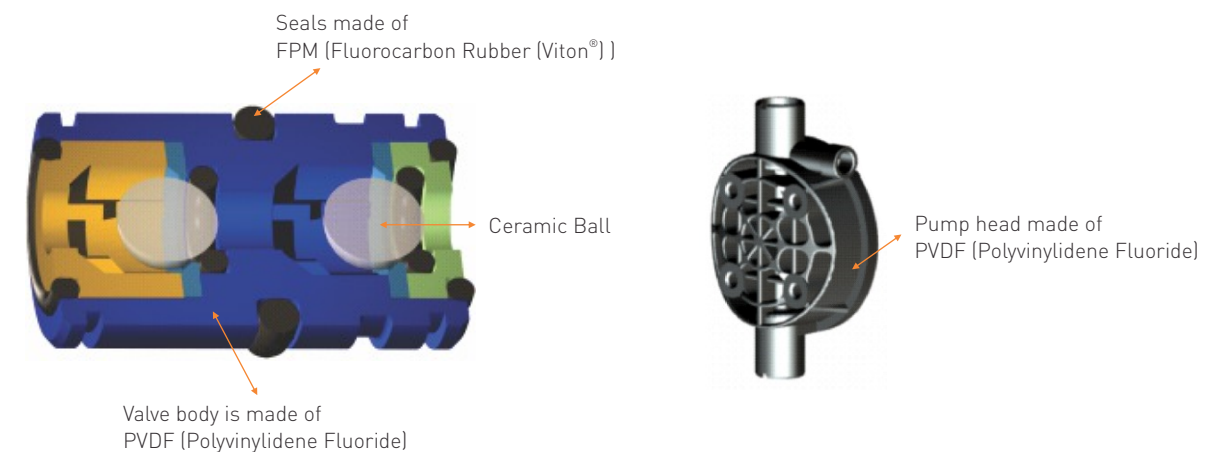


Unique features

- SMART** Uniform outer casing with modular components covering from 0.4 lt/h to 54 lt/h
- LONG LIFE** 5 years working life tested to ensure long life and reduced maintenance
- CHEMICAL-PROOF** PVDF pump head and ceramic ball valve make Pentair Dosing pumps highly chemical resistant
- CONSISTENT** Multi Power supply 100-240 Vac @ 50/60 Hz with low current consumption guarantees consistent performance
- ACCURATE** Precision engineering gives accurate dosing

Pentair Dosing Pumps - a cut above the rest

Pentair dosing pumps are manufactured to the highest of engineering standards using best quality high performance materials





No matter what kind of process you have Pentair has a Dosing Pump to meet your requirement.

Pentair dosing pumps - a quick glance

CSL

Analog Dosing Pump with Constant Flow Rate, Manually Adjustable

CCL

Analog Dosing Pump with Constant Flow Rate, Manually Adjustable with two frequency range(0-20% and 0 to 100%), level control for separate external level controller

PSA

Analog Dosing Pump with Constant Flow Rate, Manually Adjustable and proportional flow rate according to external analog (4-20mA) signal, level control for separate external level controller

PSD

Analog Dosing Pump with Constant Flow Rate, Manually Adjustable and proportional flow rate according to external digital water meter, Division mode 4:1

LTL

Analog Dosing Pump with constant Flow rate, manually adjustable, 2 Frequency range(1/5) and Power – ON led indicator with level control input

LPL

Analog Dosing Pump with constant Flow rate, manually adjustable with proportional flow rate to an external analog (4-20mA) or to a digital water meter, six position adjustable switch, three division mode(1,4,10=n)

LDP

Digital Dosing Pump with constant flow rate, manually adjustable with proportional flow rate according to external analog (0/4-20mA or 20-4/0mA), Timer Function

LDS

Digital Dosing Pump with pH/Redox control meter on board and PT 100 probe input for thermal compensation

LDM

Digital Dosing Pump with Chlorine, Hydrogen Peroxide or per-acetic acid controller instrument on board set via software PT 100 probe input for thermal compensation.

M1

Motor Driven Diaphragm Pump

CSL

CCL

PSA

PSD

Series



- ▶ Casing made of high-impact PP, Protection degree: IP 65
- ▶ Flexible Power Supply 100-240 Vac 50/60 Hz for CCL, PSA and PSD (230 Vac 50 Hz for CSL model)
- ▶ High Chemical Compatibility Liquid end: PVDF/ Ceramic/ FPM Pump Head, allows dosing of almost all industrial, waste water treatment and drinking water chemicals, up to and including Sulphuric Acid at 98% concentration
- ▶ Diaphragm: PTFE material and fixed stroke length ensures long life of this crucial component
- ▶ Constant Flow rate with manual adjustment from 0 to 100%
- ▶ PSA allows proportional flow rate adjustment via a 4-10 mA analogue input signal
- ▶ PSD allows proportional flow rate adjustment via a digital input signal from a water meter, with 4:1 division mode.
- ▶ Integral Level control circuit available on CCL, PSA and PSD models.
- ▶ Wall mounting bracket included; vertical mounting stand available as an accessory.

BASIC SPECIFICATION

Model Number	Pressure (bar)	Flow Rate (l/h)	Frequency (Stroke/Minute)		Stroke Capacity (cc/stroke)	Connections IN/OUT(mm)	Weight(Kgs)
			Min	Max			
CSL05008SPPF00P	8	5	0	160	0.52	4/6	3.5
	10	3	0	160	0.31		3.5
CCL05008EPPF00P	8	5	0	160	0.52	4/6	3.5
	8	1	0	160	0.52		14
	10	3	0	160	0.31		14
PSA05008EPPF00P	8	5	0	160	0.52	4/6	3.5
	10	3	0	160	0.31		14
PSD05008EPPF00P	8	5	0	160	0.52	4/6	3.5
	10	3	0	160	0.31		14

ELECTRICAL CONNECTIONS

Power Consumption(W)
12
12
14
14
14
14
14
14

MATERIAL OF CONSTRUCTION

Model Number	Head	O-Rings	Valve		Diaphragm	Hose		Viscosity Max CPS
			Body	Balls		Delivery	Suction	
CSL05008SPPF00P	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
CCL05008EPPF00P	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water
PSA05008EPPF00P	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
PSD05008EPPF00P	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water

LTL Series



FEATURES

- ▶ Analog dosing pump with constant manually adjustable flow rate and analog interface
- ▶ Casing made of high-impact PP, Protection degree: IP 65
- ▶ Flexible Power Supply 100-240 Vac 50/60 Hz
- ▶ High Chemical Compatibility Liquid end: PVDF/ Ceramic/ FPM Pump Head, allows dosing of almost all industrial, waste water treatment and drinking water chemicals, up to and including Sulphuric Acid at 98% concentration
- ▶ Diaphragm: PTFE material and fixed stroke length ensures long life of this crucial component: Routine replacement is no longer necessary
- ▶ Constant Flow rate with manual adjustment from 0 to 100%
- ▶ Twin frequency ranges: 0 to 100% full and 0 to 20% limited to allow for greater dosing precision in the lower end of the scale
- ▶ Level control input
- ▶ Manual priming valve
- ▶ The pump can be wall mounted or installed on top of a tank

BASIC SPECIFICATION

Model Number	Pressure (bar)	Flow Rate (l/h)	Frequency (Stroke/Minute)		Stroke Capacity (cc/stroke)	Connections IN/OUT (mm)	Weight (Kgs)
			Min	Max			
LTL00420EHHF00P	20	0.4	1	120	0.06	4/7	3.5
	16	0.8	1	120	0.11		
	10	1.2	1	120	0.16		
	6	1.5	1	120	0.21		
LTL02520EHHF00P	20	2.5	1	120	0.35	4/6-4/7	3.5
	18	3.0	1	120	0.42		
LTL04012EHHF00P	12	4	1	160	0.42	4/6	3.5
	10	5	1	160	0.52		
	8	6	1	160	0.63		
	2	8	1	160	0.83		
LTL07016EHHF00P	16	7	1	300	0.38	4/6	4.1
	10	10	1	300	0.55		
	5	15	1	300	0.83		
LTL20005EHHF00P	1	18	1	300	1.00	8/12	4.1
	5	20	1	300	1.11		
	4	25	1	300	1.39		
	2	40	1	300	2.22		
	1	54	1	300	3.00		4.1

ELECTRICAL CONNECTIONS

MATERIAL OF CONSTRUCTION

Power Consumption(W)	Head	O-Rings	Valve		Diaphragm	Hose		Viscosity Max CPS
			Body	Balls		Delivery	Suction	
12	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water
12	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
24	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water
22	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water

LPL Series



FEATURES

- ▶ Analog dosing pump with constant manually adjustable flow rate and analog interface; Proportional dosing via an external 4-20 mA analogue or digital pulse signal (e.g. from a water meter)
- ▶ Casing made of high-impact PP, Protection degree: IP 65
- ▶ Flexible Power Supply 100-240 Vac 50/60 Hz
- ▶ High Chemical Compatibility Installation Kit PVDF/ Ceramic/ FPM Foot Filter and Injector, allows use with almost all common chemicals, up to and including Sulphuric Acid at 98% concentration
- ▶ Diaphragm: PTFE material and fixed stroke length ensures long life of this crucial component: Routine replacement is no longer necessary
- ▶ Constant Flow rate with manual adjustment from 0 to 100%
- ▶ Level control input
- ▶ Manual priming valve
- ▶ Control knob (percentage and "n" value in multiplication mode); 6-position adjustable switch: 3 in division mode (1, 4, 10=n), 1 in multiplication mode (n=1÷10), 1 for proportional 4÷20 mA signal, 1 for constant functionality; Pacing function adjustable via dip-switch.
- ▶ The pump can be wall mounted or installed on top of a tank

BASIC SPECIFICATION

Model Number	Pressure (bar)	Flow Rate (l/h)	Frequency (Stroke/Minute)		Stroke Capacity (cc/stroke)	Connections IN/OUT (mm)	Weight (Kgs)
			Min	Max			
LPL00420EHHF00P	20	0.4	1	120	0.06	4/7	3.5
	16	0.8	1	120	0.11		
	10	1.2	1	120	0.16		
	6	1.5	1	120	0.21		
LPL02520EHHF00P	20	2.5	1	120	0.35	4/6-4/7	3.5
	18	3.0	1	120	0.42		
LPL04012EHHF00P	12	4	1	160	0.42	4/6	3.5
	10	5	1	160	0.52		
	8	6	1	160	0.63		
	2	8	1	160	0.83		
LPL07016EHHF00P	16	7	1	300	0.38	4/6	4.1
	10	10	1	300	0.55		
	5	15	1	300	0.83		
LPL20005EHHF00P	1	18	1	300	1.00	8/12	4.1
	5	20	1	300	1.11		
	4	25	1	300	1.39		
	2	40	1	300	2.22		
	1	54	1	300	3.00		4.1

ELECTRICAL CONNECTIONS

MATERIAL OF CONSTRUCTION

Power Consumption(W)	Head	O-Rings	Valve		Diaphragm	Hose		Viscosity Max CPS
			Body	Balls		Delivery	Suction	
12	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water
12	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
24	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water
22	PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water
						PE	PVC	As Water

LDP Series



FEATURES

- ▶ High precision Digital Dosing Pump; Timer function; ppm proportional dosing; statistics; Password; Input ON_OFF (remote control). Constant flow rate manually adjustable, proportional flow rate according to an external analog (4-20 mA) or digital signal (water meter).
- ▶ Casing made of high-impact PP, Protection degree: IP 65
- ▶ Flexible Power Supply 100-240 Vac 50/60 Hz
- ▶ High Chemical Compatibility Liquid end: PVDF/ Ceramic/ FPM Pump Head, allows dosing of almost all industrial, waste water treatment and drinking water chemicals, up to and including Sulphuric Acid at 98% concentration
- ▶ Diaphragm: PTFE material and fixed stroke length ensures long life of this crucial component: Routine replacement is no longer necessary
- ▶ Level control input
- ▶ Manual priming valve.
- ▶ The pump can be wall mounted or installed on top of a tank

BASIC SPECIFICATION

Model Number	Pressure (bar)	Flow Rate (l/h)	Frequency (Stroke/Minute)		Stroke Capacity (cc/stroke)	Connections IN/OUT (mm)	Weight (Kgs)
			Min	Max			
LDP00420EHHF00P	20	0.4	1	120	0.06	4/7	3.5
	16	0.8	1	120	0.11		3.5
	10	1.2	1	120	0.16		3.5
	6	1.5	1	120	0.21		3.5
LDP02520EHHF00P	20	2.5	1	120	0.35	4/6-4/7	3.5
	18	3.0	1	120	0.42		3.5
LDP04012EHHF00P	12	4	1	160	0.42	4/6	3.5
	10	5	1	160	0.52		3.5
	8	6	1	160	0.63		3.5
	2	8	1	160	0.83		3.5
LDP07016EHHF00P	16	7	1	300	0.38	4/6	4.1
	10	10	1	300	0.55		4.1
	5	15	1	300	0.83		4.1
	1	18	1	300	1.00		4.1
LDP20005EHHF00P	5	20	1	300	1.11	8/12	4.1
	4	25	1	300	1.39		4.1
	2	40	1	300	2.22		4.1
	1	54	1	300	3.00		4.1

ELECTRICAL CONNECTIONS

Power Consumption(W)
12
12
12
24
22

MATERIAL OF CONSTRUCTION

Head	O-Rings	Valve		Diaphragm	Hose		Viscosity Max CPS
		Body	Balls		Delivery	Suction	
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water

LDS Series



FEATURES

- ▶ Digital dosing pump with pH/Redox control meter on board. PT100 probe input for thermal compensation. Repetition alarm relay. Input On-Off for remote control. There is a 4-20 mA output for measure replay.
- ▶ Casing made of high-impact PP, Protection degree: IP 65
- ▶ Flexible Power Supply 100-240 Vac 50/60 Hz
- ▶ High Chemical Compatibility Liquid end: PVDF/ Ceramic/ FPM Pump Head, allows dosing of almost all industrial, waste water treatment and drinking water chemicals, up to and including Sulphuric Acid at 98% concentration
- ▶ Diaphragm: PTFE material and fixed stroke length ensures long life of this crucial component: Routine replacement is no longer necessary
- ▶ Level control input
- ▶ Manual priming valve
- ▶ The pump can be wall mounted or installed on top of a tank

BASIC SPECIFICATION

Model Number	Pressure (bar)	Flow Rate (l/h)	Frequency (Stroke/Minute)		Stroke Capacity (cc/stroke)	Connections IN/OUT (mm)	Weight (Kgs)
			Min	Max			
LDS00420EHHF00P	20	0.4	1	120	0.06	4/7	3.5
	16	0.8	1	120	0.11		3.5
	10	1.2	1	120	0.16		3.5
	6	1.5	1	120	0.21		3.5
LDS02520EHHF00P	20	2.5	1	120	0.35	4/6-4/7	3.5
	18	3.0	1	120	0.42		3.5
LDS04012EHHF00P	12	4	1	160	0.42	4/6	3.5
	10	5	1	160	0.52		3.5
	8	6	1	160	0.63		3.5
	2	8	1	160	0.83		3.5
LDS07016EHHF00P	16	7	1	300	0.38	4/6	4.1
	10	10	1	300	0.55		4.1
	5	15	1	300	0.83		4.1
	1	18	1	300	1.00		4.1
LDS20005EHHF00P	5	20	1	300	1.11	8/12	4.1

ELECTRICAL CONNECTIONS

Power Consumption(W)
12
12
12
24
30

MATERIAL OF CONSTRUCTION

Head	O-Rings	Valve		Diaphragm	Hose		Viscosity Max CPS
		Body	Balls		Delivery	Suction	
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water

M1E M1D M1C Series



BASIC SPECIFICATION

Model Number	Pressure (bar)	Flow Rate (l/h)	Frequency (Stroke/Minute)		Stroke length (mm)	Diaphragm diameter (mm)	Connections IN/OUT	Weight (Kgs)
			Min	Max				
M1E064AU21AT00P	10	5.5	58	58	2	64	1/4"GF	10.5
M1E064AV21AT00P	10	8	78	78	2	64	1/4"GF	10.5
M1E064AX21AT00P	10	11	116	116	2	64	1/4"GF	10.5
M1E064AU51AT00P	10	5.5	58	58	2	64	1/4"GF	8.5
M1E064AV51AT00P	10	8	78	78	2	64	1/4"GF	8.5
M1E064AX51AT00P	10	11	116	116	2	64	1/4"GF	8.5
M1E064AU31AT00P	10	5.5	58	58	2	64	1/4"GF	8.5
M1E064AV31AT00P	10	8	78	78	2	64	1/4"GF	8.5
M1E064AX31AT00P	10	11	116	116	2	64	1/4"GF	8.5
M1E094U21BT00P	10	20	58	58	2	94	3/8"GF	11
M1E094V21BT00P	10	26	78	78	2	94	3/8"GF	11
M1E094X21BT00P	10	40	116	116	2	94	3/8"GF	11
M1E094U51BT00P	10	20	58	58	2	94	3/8"GF	8.5
M1E094V51BT00P	10	26	78	78	2	94	3/8"GF	8.5
M1E094X51BT00P	10	40	116	116	2	94	3/8"GF	8.5
M1E094U31BT00P	10	20	58	58	2	94	3/8"GF	8.5
M1E094V31BT00P	10	26	78	78	2	94	3/8"GF	8.5
M1E094X31BT00P	10	40	116	116	2	94	3/8"GF	8.5
M1D108U21CT00P	10	60	58	58	4	108	3/8"GF	13.5
M1D108V21CT00P	10	80	78	78	4	108	3/8"GF	13.5
M1D108X21CT00P	10	120	116	116	4	108	3/8"GF	13.5
M1D108U51CT00P	10	60	58	58	4	108	3/8"GF	10
M1D108V51CT00P	10	80	78	78	4	108	3/8"GF	10
M1D108X51CT00P	10	120	116	116	4	108	3/8"GF	10
M1D108U31CT00P	10	60	58	58	4	108	3/4"GF	10
M1D108V31CT00P	10	80	78	78	4	108	3/4"GF	10
M1D108X31CT00P	10	120	116	116	4	108	3/4"GF	10
M1C138U21CT00P	7	155	58	58	6	138	3/4"GF	18.5
M1C138V21CT00P	7	220	78	78	6	138	3/4"GF	18.5
M1C138X21CT00P	7	310	116	116	6	138	3/4"GF	18.5
M1C138U51CT00P	7	155	58	58	6	138	3/4"GF	12.5
M1C138V51CT00P	7	220	78	78	6	138	3/4"GF	12.5
M1C138X51CT00P	7	310	116	116	6	138	3/4"GF	12.5
M1C138U31CT00P	7	155	58	58	6	138	3/4"GF	12.5
M1C138V31CT00P	7	220	78	78	6	138	3/4"GF	12.5
M1C138X31CT00P	7	310	116	116	6	138	1"GF	12.5
M1C165U21CT00P	5	230	58	58	6	165	1"GF	22
M1C165V21CT00P	5	330	78	78	6	165	1"GF	22
M1C165X21CT00P	3	500	116	116	6	165	1"GF	22
M1C165U51CT00P	5	230	58	58	6	165	1"GF	13.5
M1C165V51CT00P	5	330	78	78	6	165	1"GF	13.5
M1C165X51CT00P	3	500	116	116	6	165	1"GF	13.5
M1C165U31CT00P	5	230	58	58	6	165	1"GF	13.5
M1C165V31CT00P	5	330	78	78	6	165	1"GF	13.5
M1C165X31CT00P	3	500	116	116	6	165	1"GF	13.5

FEATURES

- ▶ PTFE Diaphragm protects the pump mechanism from chemical aggression
- ▶ Maximum temperature of the dosed fluid 40°C
- ▶ Flow rate is adjustable from 0 to 100% of maximum capacity
- ▶ Standard Liquid Ends are SS316, PP or PVC
- ▶ Some PP and PVC pump models are available with reinforced liquid ends for backpressures up to 16 bar
- ▶ PVDF liquid ends available on option at extra cost
- ▶ Three-phase, 230-400 Vac 50/ 60 Hz motors are available as standard
- ▶ Single-Phase 230Vac/ 50 Hz pump motors are available on Option at extra cost
- ▶ Proportional control via AKTUA linear actuator available on option at extra cost, via Analog [4-20 mA and 0-10V] or Digital [0-5V , frequency 0,004V - 50 Hz] signals

ELECTRICAL CONNECTIONS & POWER CONSUMPTION

Motor KW	Phase Single/Three
0.18	3-phase
0.18	3-phase
0.18	3-phase
0.18	3-phase
0.18	3-phase
0.18	3-phase
0.18	3-phase
0.18	3-phase
0.18	3-phase
0.18	3-phase
0.25	3-phase
0.25	3-phase
0.25	3-phase
0.25	3-phase
0.25	3-phase
0.25	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase
0.37	3-phase

MATERIAL OF CONSTRUCTION

Pump Head	Diaphragm	Valves	Valve Seats	Maximum Temperature of Dosed Liquid	Maximum Ambient Temperature	Viscosity Max CPS
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
SS316	PTFE	SS316	SS316	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PP	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water
PVC	PTFE	Ceramic	PTFE	40°C	5 - 40°C	As Water

LDM Series



FEATURES

- ▶ Digital dosing pump with Chlorine, Hydrogen Peroxide or Per-Acetic Acid controller Instrument on board set via Software.
- ▶ PT100 probe input for thermal compensation.
- ▶ Repetition alarm relay. Input On-Off for remote control.
- ▶ There is a 4-20 mA output for measure replay.
- ▶ Casing made of high-impact PP, Protection degree: IP 65
- ▶ Flexible Power Supply 100-240 Vac 50/60 Hz
- ▶ High Chemical Compatibility Liquid end: PVDF/ Ceramic/ FPM Pump Head, allows dosing of almost all industrial, waste water treatment and drinking water chemicals, up to and including Sulphuric Acid at 98% concentration
- ▶ Diaphragm: PTFE material and fixed stroke length ensures long life of this crucial component: Routine replacement is no longer necessary
- ▶ Level control input
- ▶ Manual priming valve
- ▶ The pump can be wall mounted or installed on top of a tank

BASIC SPECIFICATION

Model Number	Pressure (bar)	Flow Rate (l/h)	Frequency (Stroke/Minute)		Stroke Capacity (cc/stroke)	Connections IN/OUT (mm)	Weight (Kgs)
			Min	Max			
LDM00420EHHF00P	20	0.4	1	120	0.06	4/7	3.5
	16	0.8	1	120	0.11		3.5
	10	1.2	1	120	0.16		3.5
	6	1.5	1	120	0.21		3.5
LDM02520EHHF00P	20	2.5	1	120	0.35	4/6-4/7	3.5
	18	3.0	1	120	0.42		3.5
LDM04012EHHF00P	12	4	1	160	0.42	4/6	3.5
	10	5	1	160	0.52		3.5
	8	6	1	160	0.63		3.5
	2	8	1	160	0.83		3.5
LDM07016EHHF00P	16	7	1	300	0.38	4/6	4.1
	10	10	1	300	0.55		4.1
	5	15	1	300	0.83		4.1
	1	18	1	300	1.00		4.1
LDM20005EHHF00P	5	20	1	300	1.11	8/12	4.1
	4	25	1	300	1.39		4.1

ELECTRICAL CONNECTIONS

Power Consumption(W)
12
12
12
22
22

MATERIAL OF CONSTRUCTION

Head	O-Rings	Valve		Diaphragm	Hose		Viscosity Max CPS
		Body	Balls		Delivery	Suction	
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
					PE	PVC	As Water
PVDF	FPM	PVDF	Ceramic	PTFE	PE	PVC	As Water
					PE	PVC	As Water

Pentair dosing pumps are suited for **spectrum**

of applications...

HOMES/HOSPITALS
CEMENT MANUFACTURERS
BOILERS FURNACES/
HEAT EXCHANGERS FOUNDRIES
OIL PRODUCERS MILLS
LABORATORY MILLS PAPER

REFINERIES
WASTE
WATER SYSTEMS
MINES
DISTILLERIES
TEXTILE MILLS
POOLS
SWIMMING
IRRIGATION
ELECTROPLATING

... you name it!

Pentair dosing pumps can handle it.

... across a spectrum of
industry sectors
world worldwide

