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DOSA Tec Solenoid-driven diaphragm dosing pump VMSA PO

Self-venting solenoid-driven diaphragm dosing pump for precise dosing of liquid media.



Product description:

- Capacity: 0 – 13.5 l/h
- Pressure range: 0 – 18 bar
- Pump head material: PVDF
 - option: PP
- Seals material: Viton[®], EPDM
- Diaphragm material: PTFE
- Power supply: 230 VAC
- Alternative power supply: 115 VAC
(24 VAC, 12 VDC, 24 VDC available on request)
- Suitable for wall mounting
- Manual stroke frequency adjustment
- Inputs:
 - Level control
 - External dosing start
 - Direct pH control, pH 0 – 14
 - Direct redox control, 0 to -1000 mV
- Mode: Proportional to the measured value, or On/Off
- Available languages: DE, EN, FR

Areas of application:

- Dosage of small and medium fluid volumes (water treatment, process industry, acids, bases, flocculants, precipitants, etc.)

Scope of supply:

- DOSA Tec Solenoid-driven diaphragm dosing pump **VMSA PO**, accessory set (foot valve, hose, hose thread, injection valve, level switch)

Ordering data:

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
VMSA PO PVDF/Viton [®] (VMSA PO dosing pump with PVDF pump head and Viton [®] seals.)	1.0	15	180	Suction side: PVC hose at 2/18 l/h 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8 Discharge side: PE hose at 2/18 l/h 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8	3513740
	2.0	10			3513741
	2.0	18			3513742
	3.0	15			3513743
	3.4	10			3513744
	4.0	7			3513745
	5.5	4			3513746
	7.0	3			3513747
	7.0	10			3513748
	7.5	5			3513749
	9.0	5			3513750
	12.0	2			3513751
	13.5	1			3513752

Viton[®] is a registered trademark of DuPont Dow Elastomer.

Subject to technical modifications and printing errors. Images may vary slightly from actual product.
08.04.2020

Ordering data:

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
VMSA PO PVDF/EPDM (VMSA PO dosing pump with PVDF pump head and EPDM seals.)	1.0	15	180	Suction side: PVC hose at 2/18 l/h 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8 Discharge side: PE hose at 2/18 l/h 4 x 8 all others 4 x 6 from 13/2 l/h up 6 x 8	3513760
	2.0	10			3513761
	2.0	18			3513762
	3.0	15			3513763
	3.4	10			3513764
	4.0	7			3513765
	5.5	4			3513766
	7.0	3			3513767
	7.0	10			3513768
	7.5	5			3513769
	9.0	5			3513770
	12.0	2			3513771
	13.5	1			3513772

Options:

Model:	Item No:
PP pump heads J and JA	8713120
PP pump heads K and KA	8713125
PVDF hose 4 x 6 mm	8913321
PVDF hose 6 x 8 mm	8913326
External level/alarm contact NO/NC	9013522

Pump heads:

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
VMSA PO	1.0	15	KA
	2.0	10	KA
	2.0	18	KA
	3.0	15	KA
	3.4	10	KA
	4.0	7	KA
	5.5	4	KA
	7.0	3	KA
	7.0	10	KA
	7.5	5	KA
	9.0	5	KA
	13.0	2	KA
	13.5	1	KA