

DOSA Tec Solenoid-driven diaphragm dosing pump TMSA MF

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



Product description:

- Capacity: 0–35 l/h
- Pressure range: 0–20 bar
- Pump head material: PVDF
 - option: PP, acrylic
- 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
- Inputs:
 - Level control
 - External dosing start
 - Pulses
 - 4–20 mA signal
 - 0–10 V signal
- Alarm output
- Modes:
 - Pulse multiplication
 - Pulse division
 - Conversion of analogue input signals
 - Dosing of pre-set volumes
- 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 TMSA MF, 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:
TMSA MF PVDF/Viton® (TMSA MF dosing pump with PVDF pump head and Viton® seals)	3.2	20	120	Discharge side: PVDF 3.2 20 l/h 4 x 6 from 10 5 l/h up 6 x 8 from 20 3 l/h up 8 x 10	3813300
	10.0	5			3813301
	13.0	4			3813302
	20.0	3			3813303
	35.0	1			3813304
				Suction side: PVC 3.2 20 l/h 4 x 6 from 10 5 l/h up 6 x 8 from 20 3 l/h up 8 x 10	

Viton® is a registered trademark of DuPont Dow Elastomer.

Ordering data:

Model:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item No:
TMSA MF PVDF/EPDM (TMSA MF dosing pump with PVDF pump head and EPDM seals.)	3.2	20	120	Discharge side: PVDF 3.2 20 l/h 4 x 6 from 10 5 l/h up 6 x 8 from 20 3 l/h up 8 x 10 Suction side: PVC 3.2 20 l/h 4 x 6 from 10 5 l/h up 6 x 8 from 20 3 l/h up 8 x 10	3813310
	10.0	5			3813311
	13.0	4			3813312
	20.0	3			3813313
	35.0	1			3813314

Options:

Model:	Item No:
PP pump heads L and LA	8713130
PP pump heads M and MA	8613003
PP pump heads N and NA	8613000
PP pump heads S and SA	8613001
PP pump heads T and TA	8613002
Acrylic pump head LA , for TMSA and TA pump series, 3.2 l/h	8913200
Acrylic pump head NA , for TMSA and TA pump series, 10 l/h	8913205
Acrylic pump head SA , for TMSA and TA pump series, 20 l/h	8913210
Acrylic pump head LA , for TMSA and TA pump series, 35 l/h	8913215
PVDF hose for TMS and T pump series, 5.0 l/h	8713000
PVDF hose for TMS and T pump series, 15.0 l/h	8713005
PVDF hose for TMS and T pump series, 30.0 l/h, 50 l/h	8713010

Pump heads:

Model:	Dosing capacity: l/h	Pressure range: bar	Pump head:
TMSA MF	3.2	20	LA
	10.0	5	NA
	13.0	4	NA
	20.0	3	SA
	35.0	1	TA