

## DOSA Tec Solenoid-driven diaphragm dosing pump TMSA PH

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
- Manual stroke frequency adjustment
- Inputs:
  - Level control
  - External dosing start
  - Direct pH control, pH 0–14
- Alarm output (option)
- Conversion of analogue input signals
- 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 PH**, 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:
<b>TMSA PH</b> PVDF/Viton® (TMSA PH dosing pump with PVDF pump head and Viton® seals.)	3.2	20	120	<b>Discharge side: PVDF</b> 3.2 l 20 l/h 4 x 6 from 10 l 5 l/h up 6 x 8 from 20 l 3 l/h up 8 x 10	3813450
	10.0	5			3813451
	13.0	4			3813452
	20.0	3			3813453
	35.0	1			3813454
				<b>Suction side: PVC</b> 3.2 l 20 l/h 4 x 6 from 10 l 5 l/h up 6 x 8 from 20 l 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:
<b>TMSA PH</b> PVDF/EPDM (TMSA PH dosing pump with PVDF pump head and EPDM seals.)	3.2	20	120	<b>Discharge side: PVDF</b> 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  <b>Suction side: PVC</b> 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	3813460
	10.0	5			3813461
	13.0	4			3813462
	20.0	3			3813463
	35.0	1			3813464

### 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
External level/alarm contact NO/NC	9013522

### Pump heads:

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