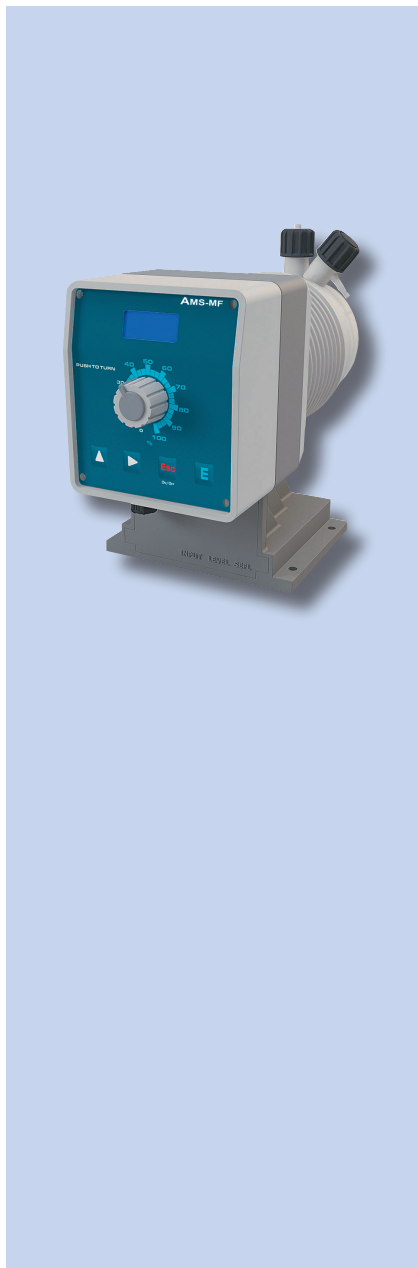


1.1.1.

DOSA Tec Solenoid-driven diaphragm dosing pumps AMS Digital MF



Solenoid-driven diaphragm dosing pump for precise dosing of liquid media. Version for high viscosity media between 100 and 8000 cPs available for the LPV version.

Product description:

- Capacity: 0 – 60 l/h
- Pressure range: 0 – 25 bar
- Pump head material: PVDF
 - optional: PP, acrylic, stainless steel
- 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)
- Manual pump head priming valve
- Suitable for mounting on a base
- Manual stroke length adjustment 0/25 – 100 %
- Inputs:
 - Level control
 - External dosing start
 - Pulses
 - Flow rate monitoring
 - 4 – 20 mA signal
 - 0 – 10 V signal
- Alarm output
- Modes:
 - Pulse multiplication
 - Pulse division
 - Dosing of pre-set volumes
 - 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 **AMS Digital 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: |
|--|-------------------------|------------------------|---------------------------------|--|----------|
| AMS Digital MF PVDF/Viton [®] (AMS Digital MF dosing pump with PVDF pump head and Viton [®] seals.) <small>Viton[®] is a registered trademark of DuPont Dow Elastomer.</small> | 5 | 25 | 120 | Suction side: PVC hose from 5 25 up, 4 x 6 from 20 7 up, 6 x 8 from 40 3 up, 8 x 12 Discharge side: PDVF hose from 5 25 up, 4 x 6 at 20 7, 6 x 8 from 40 3 up, 8 x 10 | 3813780 |
| | 10 | 15 | | | 3813781 |
| | 20 | 7 | | | 3813782 |
| | 40 | 3 | | | 3813783 |
| | 60 | 2 | | | 3813784 |

Ordering data:

| Model: | Dosing capacity: l/h | Pressure range: bar | Max. stroke frequency: 1/min | Hose connection: mm | Item No: |
|---|-------------------------|------------------------|---------------------------------|--|----------|
| AMS Digital MF PVDF/EPDM (AMS Digital MF dosing pump with PVDF pump head and EPDM seals.) | 5 | 25 | 120 | Suction side: PVC hose from 5 25 up, 4 x 6 from 20 7 up, 6 x 8 from 40 3 up, 8 x 12 Discharge side: PDVF hose from 5 25 up, 4 x 6 at 20 7, 6 x 8 from 40 3 up, 8 x 10 | 3813800 |
| | 10 | 15 | | | 3813801 |
| | 20 | 7 | | | 3813802 |
| | 40 | 3 | | | 3813803 |
| | 60 | 2 | | | 3813804 |

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 |
| Stainless steel AISI 316 pump head Li | 8913160 |
| Stainless steel AISI 316 pump head Mi | 8913165 |
| Stainless steel AISI 316 pump head Ni | 8913170 |
| Stainless steel AISI 316 pump head Si | 8913175 |
| Stainless steel AISI 316 pump head Ti | 8913180 |
| Acrylic pump head L | 8913130 |
| Acrylic pump head M | 8913135 |
| Acrylic pump head N | 8913140 |
| Acrylic pump head S | 8913145 |
| Acrylic pump head T | 8913150 |
| PVDF hose for AMS pump series, 5.0 l/h, AMSA 3.2 l/h* | 8713050 |
| PVDF hose for AMS pump series, 10.0 l/h, AMSA 6.0 l/h* | 8713055 |
| PVDF hose for AMS pump series, 20.0 l/h, AMSA 13.0 l/h* | 8713060 |
| PVDF hose for AMS pump series, 40.0 l/h, AMSA 30.0 l/h* | 8713065 |
| PVDF hose for AMS pump series, 60.0 l/h, AMSA 38.5 l/h* | 8713070 |
| Acrylic pump head LPV L up to 8000 cPs | 8913310 |
| Acrylic pump head LPV M up to 8000 cPs | 8913311 |
| Acrylic pump head LPV N up to 8000 cPs | 8913312 |
| Acrylic pump head LPV S up to 8000 cPs | 8913313 |
| **No accessories included. | |
| **Hose connection for acrylic pump head up to 8000 cPs: discharge side 16 x 22 PVC hose, suction side 8 x 12 PE hose. Foot valve made of stainless steel not included. | |
| Surcharge for stainless steel dosing head (excl. accessories and hoses). Please specify the required thread (cylindrical, conical or NPT) in your order | |

Pump heads:

| Model: | Dosing capacity: l/h | Pressure range: bar | Pump head: |
|-----------------------|-------------------------|------------------------|------------|
| AMS Digital MF | 5 | 25 | L |
| | 10 | 15 | M |
| | 20 | 7 | N |
| | 40 | 3 | S |
| | 60 | 2 | T |