



product data sheet

ViscoDos-4000

description



The dosing control ViscoDos-4000 is used to control volumetric dispenser with servo drive ViscoPro.

- easy integration in existing systems
- volumetric dosing
- adjustable flow rate
- automaticly reverse flow
- 1 and more component systems possible
- control by BUS-systems (CAN-Bus, Profi-Bus)
- max. flexibility with included multifunctional interface converter
- analog and binary control inputs
- menue guided calibrating function
- fault and warning message in plain text
- language change german/english (others on demand)
- 9 parameter rates with 99 recipes
- easy update with USB stick
- robust keyboard (suitable for industrial usage)
- graphic display
- optimized for complete ViscoPro series

application

- control of volumetric dispenser
- control of feed pumps in systems
- control of supply pressure to dosing system
- control of filling pumps
- control of more component systems

technical data

electrical data (power supply)	230 V, 10 A, 50 Hz
housing (wxdxh)	380x380x210 mm
protection class	IP 54

item no.

ViscoDos-4000	137517
Profi-Bus module	137706



item information

operating types

- quantity dosing (defined quantity is dispensed)
- recipe and parameter management
- high-low mode (one signal for start and stop, e.g. pressure control)
- dynamic dosing (adjustment to track speed)

display

- display with direct input options as follows:
 - dosing quantity in ml
 - dosing speed in ml/s
 - calibration of pump size (ml/turn)
 - quantity of reverse flo in ml
 - speed of reverse flow
 - equalization quantity in ml
 - equalization speed
 - adjustable acceleration/declaration
- start button
- stop button
- failure message in plain text
- easy recipe and parameter management

inputs

- | | |
|---|--|
| <ul style="list-style-type: none"> • start (NO contact) • stop (NC contact) • external release (potential free) • speed adjustment (0-10 V) • 2x fill level (empty + nearly empty) | <ul style="list-style-type: none"> • supply pressure • dosing pressure • 4x 24 V power supply for sensors |
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outputs

- ready (warning + fault)
- finished message
- optional: additional outputs

additional types

- ViscoDos-4000 g (for ViscoPro-Cg)
- ViscoDos-4000 fu (for polyphase drives)
- ViscoDos-4000 2K

scope of delivery

- dosing control ViscoDos-4000
- operation manual

necessary and optional components

- dispensers required for dosing with ViscoPro drive (see separate data sheet)
- optional: bus module
- external control elements