

NEMESYS BASE

High Precision Syringe Pump

Features

The BASE-module delivers the power for up to 32 dosing units. It is the base for building up your individual dosing platform. Connect up to 16 DOUBLE-modules or up to 32 SINGLE-modules or simply mix it all. Ready to connect to your PC via USB (Ethernet optional).



Software Features

- Windows Software neMESYS UserInterface for configuration, visualisation and control
- IEC-1131 Bibliothek für PLC BECKHOFF, CANopen interface, TwinCat V2.9
- Siemens S7-300 connection possible with Helmholz 700-600-CAN01 interface, Step7
- IEC-1131 library for VIPA (214-2CM02), Step7
- Windows DLL for RS-232, USB and IXXAT CAN Interface VCI V2.14
- Windows DLL examples for MS Visual C++®, MS Visual Basic®, Borland C++® and Borland Delphi®
- Windows DLL + VI's for National Instruments LabView®
- neMESYS Windows 32-Bit DLL (High-Level Dosing API)
- neMESYS LabVIEW Integration Kit
- neMESYS RS232 Library

Mechanical Data

Weight 4 kg
 Dimensions (L x B x H) 310 x 207 x 80 mm

Electrical Data

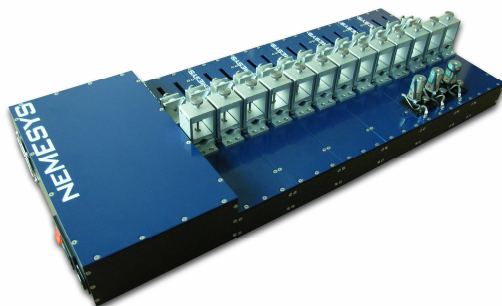
Power Supply Voltage 85 ~ 264VAC / 120 ~ 350VDC
 Power Supply Frequency 47 ~ 63 Hz
 Power Output 600 W
 Max. controllable dosing units:
 Low pressure units 32
 High pressure units 25

Environment

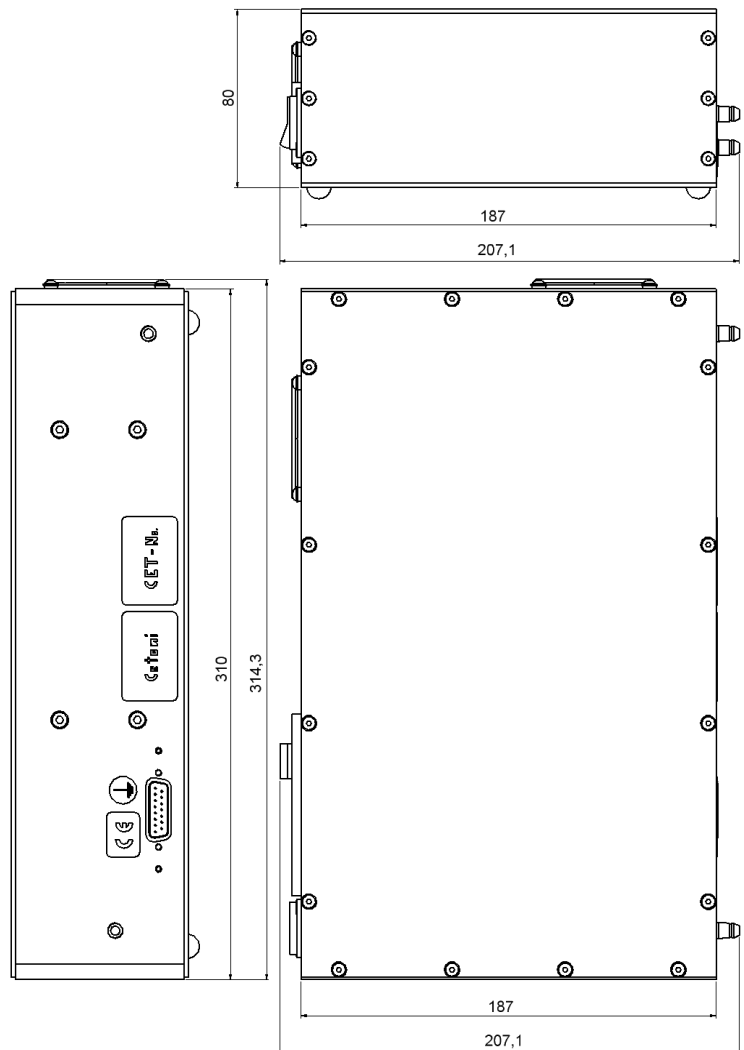
Operating Temperature -10°C to 45°C
 Storage Temperature -40°C to 45°C
 Operating Humidity 20% to 80%, non-condens.
 Storage Humidity 20% to 80%, non-condens.

Interfaces

USB 1.1 and 2.0
 CAN max. 1 Mbit / s
 RS-232 max. 115200 bit/s



Mechanical Drawing



2008-07-22