Universal Data Logger VPA-0400 (VX37020088)

VELOMAT
MESSELEKTRONIK

Description

Our universal data logger VPA-0400 is suitable for permanent measurement and recording of analog and digital signals.

The integrated SD-Card slot save huge mounds of data. Due to this you can use the data logger over a longer period.

With the battery-buffered real time clock you are able to record results time exactly, even after a current interruption.

technical data

possibilities for measuring:

- 8 switchable analog channels for voltage and electricity measuring
- 16 digital inputs, galvanically isolated
- 2 inputs for frequency

connections:

- USB-port, galvanically isolated
- RS232 port for PC or Bluetooth-Modul
- CAN-Bus galvanically isolated
- GSM-port

data memory:

- 128 kByte battery buffered RAM
- 512 kByte Dataflash
- SD-Card

operating elements:

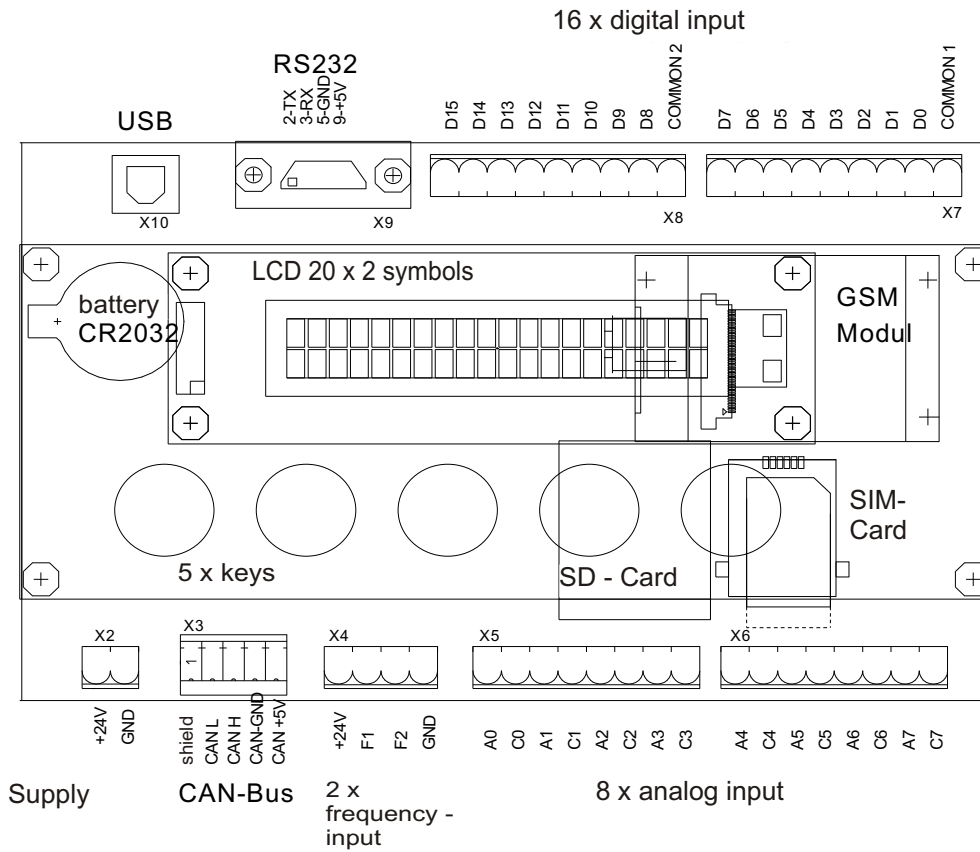- 5 keys
- LCD with 20 x 2 symbols

power supply:

24 V DC

housing:

Hat rail case; dimmensions 180 mm x 113 mm x 78 mm (L x W x H)

terminal pin assignment

X2 supply port:

port	description	meaning
1	+24 V	positive voltage supply
2	GND	ground

X3 CAN-port:

port	description	meaning
1	shield	shield connecting cable
2	CAN L	CAN Low Signal
3	CAN H	CAN High Signal
4	CAN GND	ground CAN-Bus
5	CAN +5 V	voltage supply CAN-Bus

X4 frequency port:

port	description	meaning
1	+24 V	24 V output voltage
2	F1	1. frequency signal
3	F2	2. frequency signal
4	GND	ground

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X5 / X6 analog port:

port	description	meaning
1,3,5,7	A0..A3 / A4..A7	analog input
2,4,6,8	C0..C3 / C4..C7	common input according to jumper position +24 V or GND

X7 / X8 digital port:

port	description	meaning
1	COMMON	common input
2,3,4,5,6,7,8,9	D0..D7 / D8..D15	digital input

X9 RS232 port:

port	description	meaning
2	TX	transmitted signal
3	RX	receiption signal
5	GND	ground
9	+5 V DC	positive voltage supply for connection to Bluetooth-Moduls