



## MEP®SmartDevice

### Machine data monitoring

Data collecting and data transfer as a flexible embedded system for machines, plants and technical systems made possible thanks to the products of the MEP® series. They allow the preventive maintenance and, in the event of malfunction, a simple and fast problem-solving remote access via secure internet connection.

#### Employment of MEP®SmartDevice:

- Set up of a cost efficient global service net
- Recording of valuable machine data

#### Central component of a remote service structure:

##### VPN Router, Data Recorder

- Date acquisition from PLCs, sensors and other devices
- Allocation of timestamps for every measured value
- Free eligible circular buffer
- Diverse interfaces
- Transfer of data to the central system

#### Functioning:

The MEP®SmartDevices are embedded industrial PC composed of add-on modules which are extensible to other different interfaces. Furthermore, the actual connection RS232 can also be reset to a RS422 or RS485´.

On request we can deliver the IPC with your brand on it!

<b>Type:</b>	<b>MEP® SmartDevice</b>
<b>Voltage supply:</b>	12V – 24V DC
<b>Processor:</b>	ARM-Cortex A9 Quadcore 4x 1 Ghz
<b>Graphic:</b>	onboard
<b>Main memory/primary storage:</b>	1 GB DDR3 onboard
<b>Mass storage:</b>	1 GB NAND Flash onboard 1GB – 128GB Industrial Grad microSD(HC)
<b>Case (BxLxH in mm):</b>	60x95x110
<b>Connections/ extensions:</b>	LAN: 2x USB: 2x HDMI: 1x CAN: 1x GPI/O: 3x (24V) µSD: 1x RS232: 1x
<b>cabling:</b>	2 PIN Terminal-Block for voltage storage/supply
<b>switch:</b>	On / Off
<b>Taste:</b>	Reset Dial (int. LED)
<b>assembly:</b>	35mm DIN rail
<b>Temperature range:</b>	0 °C – 70 °C
<b>Operating system:</b>	LINUX (Kernel 3.19.5)
<b>Status LED:</b>	Power Dial / Connect eMMC
<b>Certification mask:</b>	CE
<b>Beeper:</b>	onboard