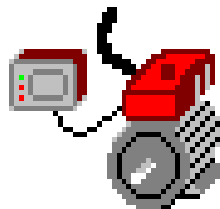


# **GSD file information for**

## **PROFIBUS module**

### **MQP(DPV1)**



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# 1 Revision Status of the GSD file

The syntax of this GSD file was checked with:

- GSD-Editor V4.1 Profibus Usergroup (PNO)
- GSD-Checker V2.2 Profibus Usergroup (PNO)
- HW Config of STEP7 V5.2 (Siemens AG)
- Hilscher System Configurator SyCon V2.638
- TwinCat System Manager 2.8.0 (Beckhoff)

For the PROFIBUS module MQP(DPV1) use the following files:

<b>SEWA6001.GSD</b>	- GSD file
<b>SEW6001N.BMP</b>	- Bitmap file with inverter icon
<b>SEW6001S.BMP</b>	- Bitmap file with inverter icon
<b>SEW6001N.DIB</b>	- Device independent bitmap file with inverter icon
<b>SEW6001S.DIB</b>	- Device independent bitmap file with inverter icon

## **Note:**

This GSD file can be used for the MQP Ecofast modules and the MQP modules that support Profibus DPV1. For MFP and MQP with Profibus DPV0 use the GSD file SEW\_6001.gsd. The latest version of the GSD files for SEW inverters can be downloaded from the SEW homepage, URL <http://www.SEW-EURODRIVE.de>.

## V3.00 11th February 2003

- First Release for Profibus DPV1.
- Only MQP with Profibus DPV1 supported.
- GSD Revision 3.
- MQP is member of slave family /Drives/SEW/DPV1 (STEP7).
- Key word *Model\_Name* „MQP(DPV1) + MOVIMOT“.
- User Prm Data set to 0.
- External diagnosis not supported.

## 2 How to install the GSD file

The GSD file is used for commissioning of the DP master. The GSD file must be copied into a special folder of your project planning software. Please refer to the manuals of your project planning software.

The standardized GSD file can be read by all DP master systems.

### 2.1 How to install a new GSD file with STEP 7

1. Start the Simatic Manager program.
2. Open an existing project and start HW-Config.
3. Now close the project window of HW-Config, otherwise the installation of a new GSD version is not possible.
4. Click „Options / *Install new GSD...*“ and select the SEWA6001.GSD.
5. Click OK to open the GSD file. Click YES to overwrite the old file. Now the GSD and Bitmap files are installed. The hardware catalog is updated automatically.

Note:

Your GSD files got GSD-Revision 3. This does not always correspond to the version of the file. The version number is displayed when you open the file with a text editor.

6. You find the SEW inverter, when you open the hardware catalog:

```
PROFIBUS DP
  +---Additional Field Devices
    +---Drives
      +---SEW
        +---DPV1
          +---MQP(DPV1) + MOVIMOT
```

→ Now the new GSD file is successfully installed.

### 3 Commissioning the DP-Master

- 1) Install (copy) the GSD file according the requirements of your project planning software. If you have installed the GSD properly the inverter is displayed as member of the slave family „Drives/SEW/DPV1“.
  - 2) Insert the PROFIBUS slave named „ **MQP(DPV1) + MOVIMOT**“ in your PROFIBUS-network structure and assign an unique station address.
  - 3) Select the process data configuration for your application.
  - 4) Specify the I/O addresses for the configured process data configuration.
- Start the PROFIBUS master. The red „**BUS-FLT**“ LED signals the state of your commissioning process (OFF = Commissioning OK).

## **4 External Diagnosis**

The MQP does not support external diagnosis and transmits (on the condition that the default IPOS program is loaded) the actual drive state within the process input data.

## **5 Note, regarding Simatic S7 DP-Masters**

The PROFIBUS-DP-system may generate diagnostic alarms, even if the external diagnosis is not activated. Please use the corresponding operation blocks in your controller (i.e. OB84 for S7-400 or OB82 for S7-300).

## 6 User Prm Data

The MQP module supports up to 10 Byte User Prm Data. The User Prm Data are reserved for future use and have to be filled with zeros.