

3. Februar 2016

Woodward GmbH, Handwerkstrasse 29, 70565 Stuttgart

**SUBJECT: Introduction of drop-in successor SPM-D2 and transition process**

**OLD**



**NEW**

**SPM-D2**



Woodward understands the time-intensive nature of Power Generation projects. Ensuring the longevity of components is one way we can make our customers successful. Woodward has supplied and supported the well-established SPM-D line of synchronizers for 20+ years. With the state of the art Drop-In replacement successor, SPM-D2 the life of this synchronizer line is now extended. All of the SPM-D2 synchronizers are password protected and are configurable either through HMI as before or through ToolKit configuration tool with USB connectivity.

**Important Features:**

- Drop-In Replacement
- Same Look and Feel as SPM-D synchronizers
- USB Connectivity to PC
- Woodward ToolKit service tool support
- RoHS 2 compliance

Refer to the appendix “A” for an overview on the feature upgrades of the new SPM-D2.

The new SPM-D2 is ready to be shipped from the manufacturing facility by end Feb’16. The SPM-D versions will continue to be available as long as they can be built (anticipated through Apr’16). However, only upon specific request.

#### Availability of SPM-D synchronizers

- After 15-March-2016 any POs with old SPM-D item numbers cannot be accepted. We will request our customers to change the PO to the corresponding SPM-D2 item numbers that are form, fit and function successor.
- In certain instances when an old SPM-D item number must be applied, upon specific request till 30-April-2016 Woodward can provide the old item number until the stock is depleted.
- In these special circumstances the accepted orders of the old SPM-D will be delivered till 30-June-2016.
- During the transition period, production of the old SPM-D synchronizers is continued for a short while via a dedicated temporary production process. This forces us to apply a 50% price increase on 16th March 2016. The pricing of the drop-in successors remains the same as that of corresponding predecessors before the price increase.

Please contact your Account Manager for more information.

After 30-April-2016, Woodward will commit to the following support plan for the old SPM-D items:

#### **01<sup>st</sup> May 2016 – 30<sup>th</sup> April 2017**

- Repairs
- Limited spares based upon the available inventory

#### **01<sup>st</sup> May 2017 – 30<sup>th</sup> April 2019**

- Limited repairs based on components availability

Further parts obsolescence from electronic manufacturers can present a challenge to post-life support plans. Woodward strives to hold inventory, or look for alternative parts when components are obsolete. However, there are times when components can simply not be obtained and where sufficient last-time buys cannot be made. In these cases, Woodward cannot always guarantee that we can maintain the rationalization support plan.

**Part Number Map:**

<u>New P/N SPM-D2</u>	<u>New Description</u>	<u>Old/Current P/N SPM-D</u>	<u>Old/Current Description</u>
8440-2164	SPM-D2-1040B	8440-1019	SPM-D1040B
8440-2165	SPM-D2-1115B/LSXR	8440-1706	SPM-D1115B/LSXR
8440-2166	SPM-D2-1010B	5448-890	SPM-D1010B
8440-2167	SPM-D2-1010B/YB	5448-906	SPM-D1010B/YB
8440-2168	SPM-D2-1010B/X	5448-893	SPM-D1010B/X
8440-2169	SPM-D2-1145B/LSXR	8440-1666	SPM-D1145B/LSXR
8440-2170	SPM-D2-10B/PSY5-FU-D	8440-1871	SPM-D10B/PSY5-FU-D
8440-2171	SPM-D2-1040B/X	8440-1301	SPM-D1040B/X
8440-2172	SPM-D2-1010B/XN	8440-1667	SPM-D1010B/XN
8440-2173	SPM-D2-10B/PSY5-FU-D-W	8440-1873	SPM-D10B/PSY5-FU-D-W
8440-2174	SPM-D2-1010B/N	8440-1432	SPM-D1010B/N
8440-2175	SPM-D2-1040B/N	8440-1433	SPM-D1040B/N
8440-2176	SPM-D2-1040B/YB	8440-1021	SPM-D1040B/YB
8440-2177	SPM-D2-1010B/NYB	8440-1434	SPM-D1010B/NYB
8440-2189	SPM-D2-1040B/NYB	8440-1435	SPM-D1040B/NYB
8440-2190	SPM-D2-1040B/XN	8440-1668	SPM-D1040B/XN

We thank you for your patronage with Woodward. If you have any questions about this product support plan, please contact your Account Manager or undersigned.

With Regards,



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**Appendix "A":**

**What is NEW?**

**Application Software (Software Version 7.10)**

- ToolKit software tool for parametrization and visualization for all SPM-D2 variants (replaces LeoPc1)

**Visualization**

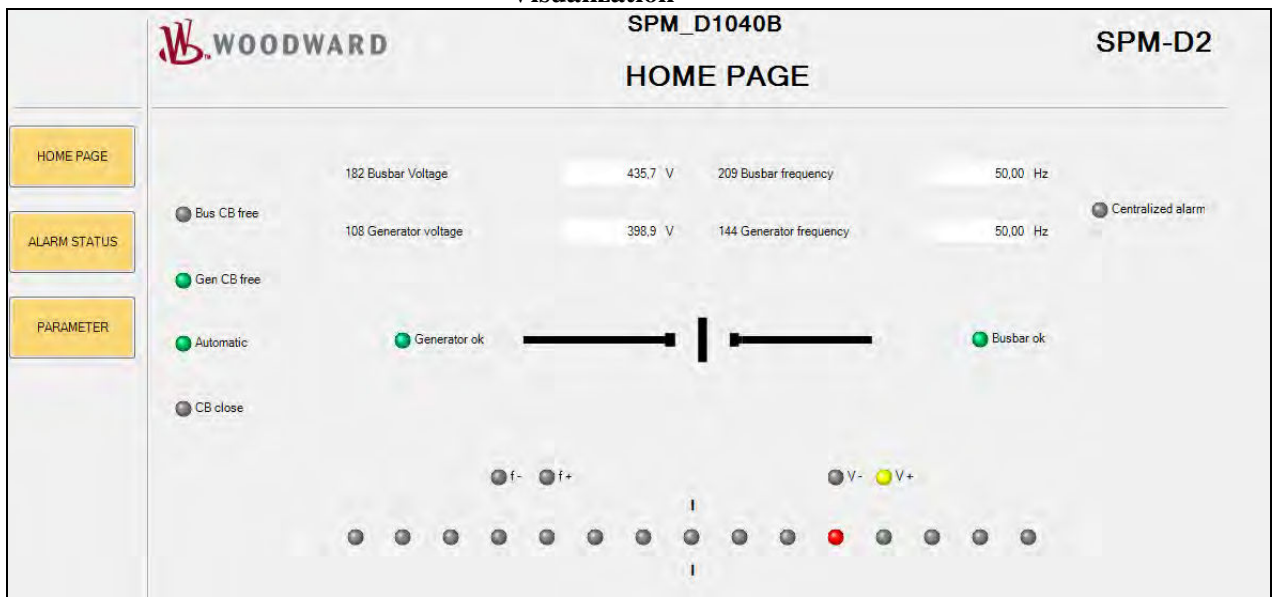


Abbildung 1: Example: Home Page

**Parametrization**

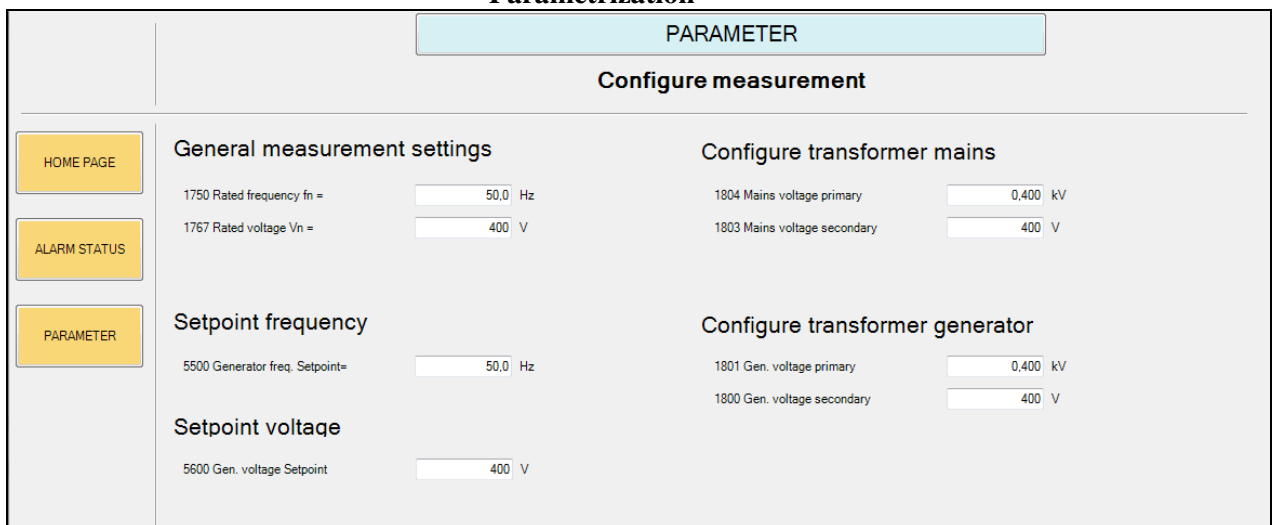
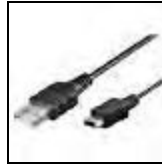


Abbildung 2: Example: Measurement Configuration

- USB device port for connection and configuration through PC (no more DPC cable needed, RJ45 port removed)

Mini USB cable Type B



- Password protection for SPM-D2-10xx/YB variants
- Configuration through HMI without limitation on number of backwards navigation (SPM-Ds are limited to four time backwards navigation)
- Loading default values (reload factory default settings)
- Description of the devices change from SPM-Dxxxx to SPM-D2-xxxx

### Hardware and Compliance

- Declared DC power supply rating 120...375Vdc to the wide range power supply variants (with "N" extension in description). These units already supports 90..250Vac rating power supply
- Removed C-Tick mark from all labels of the SPM-D2
- All new units are prepared according to RoHS 2 compliance
- Ethernet hardware is prepared for further releases (for info)
- Marine classification Societies (ABS, LR, DNV) **Pending!**