

IMPORTANT INFORMATION ABOUT SPM-D SUCCESSOR (SPM-D2)

This document contains helpful information migrating to SPM-D2. The shipment starts Mid Feb'16. Price stays the same to FY16 level. Please place your SPM-D2 orders NOW.

Woodward's SPM-D2 is form, fit and function compatible successor to each of the SPM-D line of synchronizers that are currently active. These are simple and robust microprocessor based synchronizers designed for use on three-phase AC generators equipped with Woodward or other compatible speed controls and automatic voltage regulators. Some salient features are,

- Drop-In Replacement
- Same Look and Feel as SPM-D synchronizers
- USB Connectivity to PC
- Woodward ToolKit service tool support
- Marine classification Societies (ABS, LR, DNV) **Pending!**



What is NEW?

Application Software (Software Version 7.10)

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

Visualization

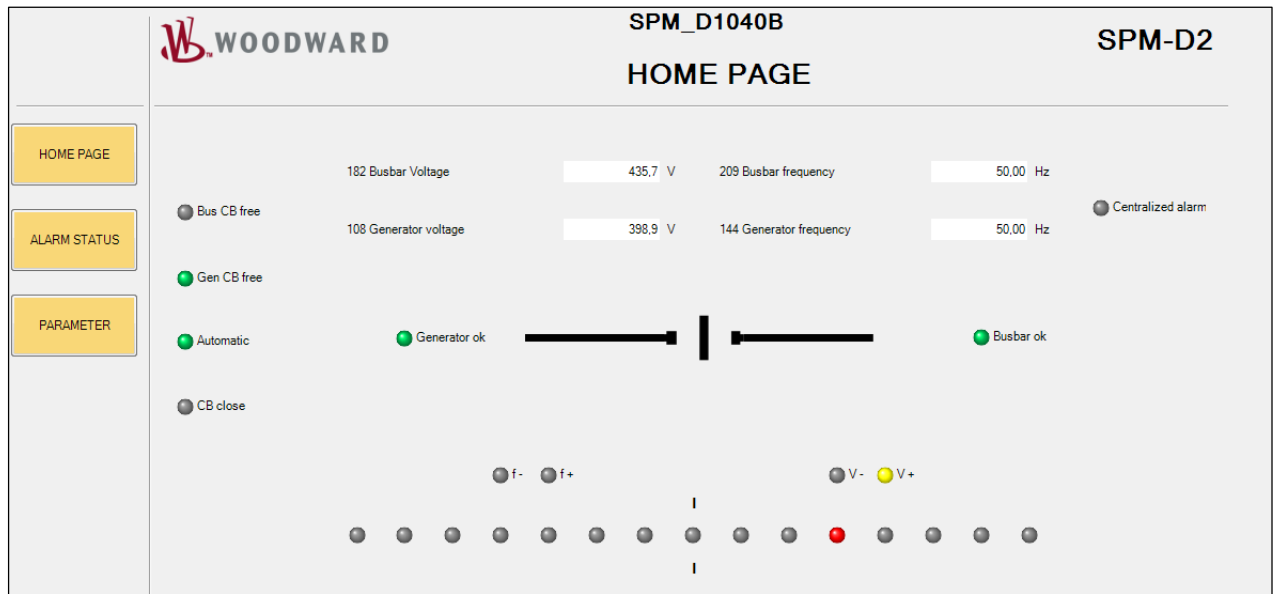


Abbildung 1: Example: Home Page

Parametrization

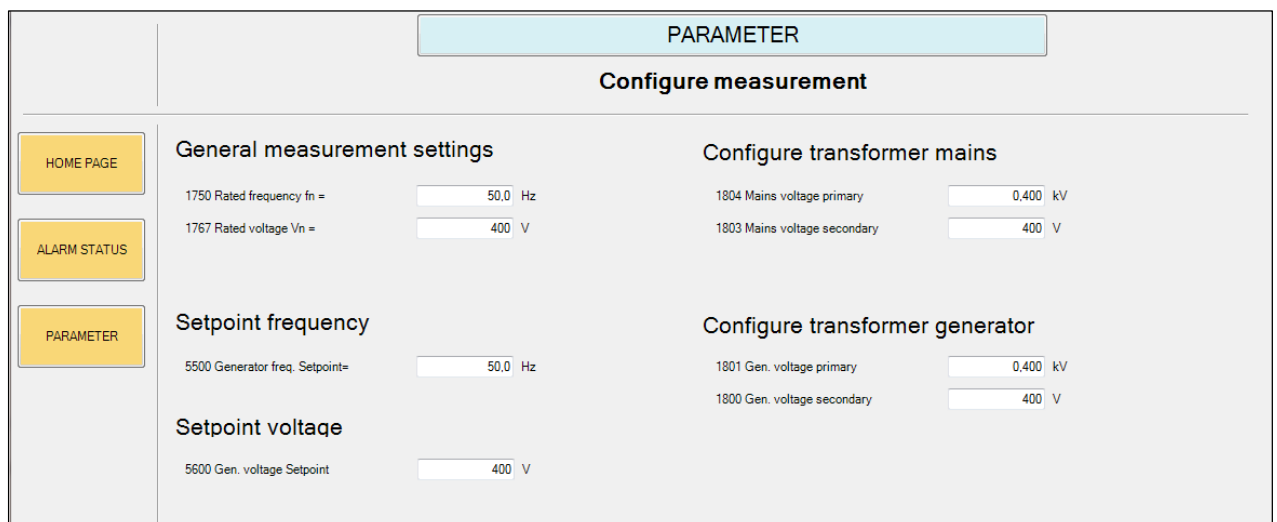


Abbildung 2: Example: Measurement Configuration

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

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 RoHS2 compliance
- Ethernet hardware is prepared for further releases (for info)

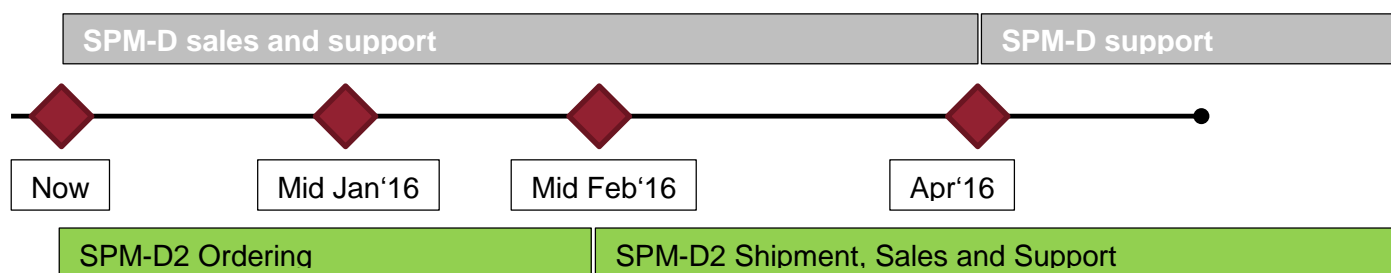
P/N Map

To select and order your successor P/N, please use the below mapping table. The price of each of the items stays same at FY16 pricing.

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

SPM-D support scenario

As we make the successor items available, the current items will go accelerated ramp down due to H8 processor obsolescence. An official and detailed support plan will be released Mid Jan'16. Below is a tentative scenario,



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