

In-Pulse II, 733, and 766 Product Lines

Product Change

The In-Pulse II injection control module, 733, and 766 engine control modules have been important products to Woodward in support of the large engine market. The In-Pulse II, 733, and 766 controls have been used for a whole generation of high- and medium-speed gas, dual fuel, and diesel engines. Since the introduction of the LECM platform, specifically due to the ability to buy it as a stacked or a standalone configuration, functional enhancements of the LECM EID module, and the regulatory requirements such as IACS UR E10 rev.7 marine requirement and RoHS, there have been no new applications being developed for the 733, 766, or In-Pulse II. Current 733, 766, and In-Pulse II business is in support of the already existing control systems in the field. These applications have been identified and are actively being pursued to enhance or upgrade the LECM platform.

Product Support Schedule

The Last Time Buy date is September 30, 2023. Due to the availability of replacement and the difficulty in repairing these products, Woodward will not offer any repairs on these products. Woodward will continue to fully support the product while under its original factory warranty.

Replacement Product

Most of the existing In-Pulse II and 733 applications are transitioning into an LECM-based next generation control system whose architecture is providing a higher level of integration. Basic In-Pulse II driver functionality is often integrated in an LECM EID module or as a 2- or 3-stack LECM with "mix-mode" EID configuration in combination with the combustion feedback module for either knock detection or in-cylinder pressure monitoring and diagnostics (RT-CDC). The 0-200mA output of the 733 is not supported by LECM. LECM can support a stand-alone converter module that converts 0-200mA to 4-20mA or 0-5V signals. Additionally, Woodward product lines such as Flex500 and 2300E offer the I/O functionality, communication channels, and software capability to support the needs of 733 applications.

Customer Action

Prior to September 30, 2023, contact your local Woodward representative for Last Time Buy opportunities for In-Pulse II and 733 OR to discuss available upgrade/migration products. The 766 controls are no longer available. Beginning September 30, 2023, In-Pulse II and 733 controls will no longer be available for purchase from Woodward, Inc.

Note – Component obsolescence from electronic manufacturers can present a challenge to post-life support plans. Woodward strives to hold inventory or look for alternative parts when the components we use are no longer available. However, there are times when components simply cannot be obtained and where sufficient last-time buys cannot be made. Unfortunately, in these cases Woodward cannot guarantee the rationalization support plan.

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Woodward has company-owned plants, subsidiaries, and branches, as well as authorized distributors and other authorized service and sales facilities throughout the world.

Complete address / phone / fax / email information for all locations is available on our website.