

June 20, 2018

SUBJECT: ProAct Digital Plus Product Line Statement

The ProAct Gen2 Digital Plus platform is an important product line to Woodward; however, we are unable to procure some key components used in the product. Additionally, Woodward is unable to renew some marine certifications, since the age-old design will not meet the newer stringent marine standards without significant design changes (but it continues to have many valid certs that are being renewed and are valid until 2022). Therefore, Woodward has resolved to cease production of the ProAct Gen2 Digital Plus product line in the near future.

Woodward has produced and supported Gen2 Digital Plus products for many years and will continue to offer new sales of this product line in the near future and provide support for them for a few more years.

Although the ProAct Digital Plus product lines have reached end of life, Woodward has planned to release the next generation of ProAct Gen3 Digital Plus (Flex) which would be backward compatible and meet ROHS, REACH, and marine compliance. The ProAct Gen3 Digital Plus product line will offer a more accurate and less noisy position sensor, and hosts a much more powerful process core capable of implementing latest software requirements. See Figure 1 for additional information on the Gen3.

Please contact Woodward or your ProAct Digital Plus supplier to discuss the upgrade options for your existing Gen 2 product.

Now - July 1, 2019:

- Unlimited New Sales
- Unlimited Spare Modules
- Unlimited Repairs
- Replacement Exchange with Service Stock

July 1, 2019 - October 1, 2022:

- Unlimited Spare Modules
- Unlimited Repairs
- Replacement Exchange with Service Stock

October 1, 2022 - 2024:

- Limited Spare Modules based on part availability
- Unlimited Repairs
- Replacement Exchange with Service Stock



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October 1, 2024 - 2027:

- Repairs based on parts availability
- Replacement Exchange with Service Stock
- Replacement product utilizing same algorithms and logic where applicable

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.

Best Regards,

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* NOTE: Two different actuator model sizes shown

Figure 1. Early Prototype of ProAct Gen3 Product Line

Features	ProAct Gen2 Digital Plus	ProAct Gen3 Platform
ROHS	No	Yes
Marine	Yes – only Digital Plus	Yes – all ProAct variants
Position Accuracy	<+/- 1.0% of full stroke at 25 °C after calibration and +/- 1.5% linearity	<+/- 1% of full stroke over -40 °C to 85 °C and +/- 1.5% linearity across temperature
Communication	Serial (RS 232) with one CAN	Two CAN
Discrete Input	Same	Same
Discrete Output	High side	Both low side and high side (software configurable)
Analog Input	Same	Same
Analog Output	4 to 20 mA	4 to 20 mA and 0-5V (external and software configurable)
PWM Command Input	Push Pull only	SW configurable between push pull or low side; two thresholds available – customer configurable. 0-5V or 0-12V
Power Consumption	Same	Same
Operating Parameters		Will match ProAct Gen2 version. Modifications available upon request