

**ProAct™ ISC 5418-2949
Firmware Release**

Explanation of Software Changes

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ProAct™ ISC 5418-2949 Firmware Release Explanation of Software Changes

General

Woodward has released application firmware 5418-2949 as an upgrade to 5418-2755 for the ProAct™ ISC controls. This application note describes the changes made. Refer also to Woodward product manual 26246 for product details inclusive of all firmware releases.

Description of Firmware Changes

The new firmware is based on the existing firmware (5418-2755), with only one difference from the previous version. This change only applies to versions of the control with firmware 5418-2949 installed (refer to Firmware Identification below).

Configurable CAN Data Rate

The CAN data rate was made configurable between 125 kbps, 250 kbps, 500 kbps, and 1 Mbps [bps = bits/second]. Previously, this data rate was a fixed value of 250 kbps. Setting this value to 250 kbps will make this fully compatible with previous versions of the firmware. This setting is provided on the Position tab in the Configuration Editor when the Control Type is set to CAN Position Control.

Compatibility with Existing Controls

The new firmware, 5418-2949 NEW, will operate with all existing ProAct ISC controls. Version 1.4 of the ProAct ISC Service Tool (9927-1187) is required for the new firmware and is compatible with all ProAct ISC controls. Due to parameter changes in the firmware, configuration files created for previous firmware revisions are not compatible with the latest (5418-2949) and will require re-entering values. Likewise, configurations for the 5418-2949 are not compatible with the older firmware (5418-2755, 5418-2374, 5418-1794). Future releases of the Service Tool may provide this conversion functionality, but it is not available at this time.

Firmware Identification

The ProAct ISC control firmware version can be viewed from the Identification tab on the Service Tool.

How to Upgrade

The ProAct ISC firmware can be field upgraded, but requires specialized software tools and must be performed by authorized Woodward personnel. If you have any questions about this issue or wish to upgrade, please contact one of our Woodward facilities and refer to this Application Note number.

We appreciate your comments about the content of our publications.

Send comments to: icinfo@woodward.com

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