

## **Analog Input Overvoltage Protection**

### **Products:**

505 (3<sup>rd</sup> generation), Flex500, Vertex, Peak200, RTCnet AIO, LinkNet HT AIO

### **Background:**

These products utilize a specialized FET to protect the analog input current sense resistors if higher voltages are mistakenly wired into the analog inputs. This FET is currently unavailable on the market due to semiconductor supply chain issues.

Woodward is temporarily eliminating the FET from the circuit in order to allow continued manufacturing and shipment of these products to our customers.

### **Effect:**

There is no effect on operation, safety certifications, or EMC ratings of the products. Isolation, short circuits between the inputs, short circuits to earth, and other mis-wire protections are unaffected. The only effect is removal of the overvoltage protection on analog inputs.

### **Timeline:**

Starting with products manufactured in May 2022 through approximately December 2022.

### **Warranty Consideration:**

Woodward will honor the warranty for affected serial numbers if these product's current sense resistors experience failure due to accidentally connecting 24V power to the analog inputs.

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1041 Woodward Way, Fort Collins CO 80524, USA  
Phone +1 (970) 482-5811 • Fax +1 (970) 498-3058

Email and Website—[www.woodward.com](http://www.woodward.com)

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