



Field voltage changes on GC Valves solenoid valves are acceptable on almost all valve series. However, certain limitations must be considered. Please locate the series associated with your valve to determine the applicability of field voltage changes.

## H40/S40 Series

Field voltage changes are allowed as follows:

- From AC voltage to AC voltage.
- From DC voltage to DC voltage.
- From AC voltage to DC voltage.

Field voltage changes are not allowed as follows:

- From DC voltage to AC voltage.

In the H40/S40 series, field voltage changes from DC to AC may be allowed in certain circumstances. Please check with the factory for more information.

## NS20/S20 Series

Field voltage changes are allowed as follows:

- From AC voltage to AC voltage.
- From DC voltage to DC voltage.

Field voltage changes are not allowed as follows:

- From AC voltage to DC voltage.
- From DC voltage to AC voltage.

Internal design differences between the AC and DC versions of the NS20/S20 series make changes between AC and DC impossible.

## NS21/S21 Series (3/8" NPT to 3/4" NPT)

Field voltage changes are allowed as follows:

- From AC voltage to AC voltage.
- From DC voltage to DC voltage.

Field voltage changes are not allowed as follows:

- From AC voltage to DC voltage.
- From DC voltage to AC voltage.

Different coil wattage and internal design differences between the AC and DC versions of the 3/8" NPT to 3/4" NPT NS21/S21 series make changes between AC and DC impossible.



## **Continued**

### **NS21/S21 Series (1" NPT to 2" NPT)**

Field voltage changes are allowed as follows:

- From AC voltage to AC voltage.
- From DC voltage to DC voltage.
- From AC voltage to DC voltage.

Field voltage changes are not allowed as follows:

- From DC voltage to AC voltage.

In the 1" NPT to 2" NPT NS21/S21 series, field voltage changes from DC to AC may be allowed in certain circumstances. Please check with the factory for more information.

### **NS30/S30 Series**

Field voltage changes are allowed as follows:

- From AC voltage to AC voltage.
- From DC voltage to DC voltage.
- From AC voltage to DC voltage.

Field voltage changes are not allowed as follows:

- From DC voltage to AC voltage.

In the NS30/S30 series, field voltage changes from DC to AC may be allowed in certain circumstances. Please check with the factory for more information.

### **NS71/S71 Series**

Field voltage changes are allowed as follows:

- From AC voltage to AC voltage.
- From DC voltage to DC voltage.
- From AC voltage to DC voltage.

Field voltage changes are not allowed as follows:

- From DC voltage to AC voltage.

In the NS71/S71 series, field voltage changes from DC to AC may be allowed in certain circumstances. Please check with the factory for more information.



## **Continued**

### **SC3 Series**

Field voltage changes are allowed as follows:

- From AC voltage to AC voltage.
- From DC voltage to DC voltage.
- From AC voltage to DC voltage.

Field voltage changes are not allowed as follows:

- From DC voltage to AC voltage.

In the SC3 series, field voltage changes from DC to AC may be allowed in certain circumstances. Please check with the factory for more information.

### **SC9 Series**

Field voltage changes are allowed as follows:

- From AC voltage to AC voltage.
- From DC voltage to DC voltage.
- From AC voltage to DC voltage.

Field voltage changes are not allowed as follows:

- From DC voltage to AC voltage.

In the SC9 series, field voltage changes from DC to AC may be allowed in certain circumstances. Please check with the factory for more information.