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Date: October 9, 2020

To: Global Sales Team, Channel Partners

Subject: Kunkle 6000 Design Revision

### Introduction

This letter is to announce to the Channel Partners and customers about the upcoming design changes to Kunkle 6000 Series. Emerson Automation Solutions conducted an engineering design review and implemented changes to reduce weight, simplify assembly, and consolidate components.

The design is changing from revision “-” to revision “A” and will result in a change of the current product model number. An example model number is 6010DCM01-KM. It will now read 6010DCM01AKM.

**The new design revision “A” does not affect the performance, operation, or capacity that the Kunkle 6000 Series currently offers.**

### Form

There are three changes we made to the Kunkle 6000 series that affected the form:

1. **Tamper-resistant seal & wire on the body.** We developed a new style of securing the adjusting screw rings by using a nameplate instead of a seal & wire. This will result in the nameplate moving from the side of the valve to the back of the valve; see the below pictures. Left displays the nameplate on the side of the valve with the tamper-resistant seal & wire. Right displays the new design with the nameplate on the back acting as the seal.

OLD – Design Revision “-”



NEW – Design Revision “A”



2. **Tamper-resistant seal & wire at the lever/cap.** We simplified the sealing process by removing the need to go through the cap set screw and the lever pin.

During testing, we determined we only need to thread the seal wire through the lever pin. See the below pictures. Left is the old style where the seal & wire has 2 connection points. Right is the new style where the seal & wire is only connected at the lever pin.

**OLD – Design Revision “-”**



**NEW – Design Revision “A”**



3. **Designed out the vibration dampening hose.** Previously, if the valve was installed in an application with high vibration, the lever could rattle against the body resulting in complaints about noise. This new design revision “A” has pushed the lever away so that it no longer rests on the body.

### **Fit**

This updated design revision “A” has changed the height of the body for all orifices except the “D” orifice. Orifices “E”, “F”, “G”, and “H” had a reduction in height, and the “J” orifice increased in height by 0.38 inches.

### **Function**

We performed extensive testing to determine that there is no effect on the performance with the new design. **No change to capacities and operation.**

### **Summary**

All configurations for design revision “-” will be phased out and directly replaced by design revision “A” for all Kunkle 6000 Series. These changes were made to reduce weight, simplify assembly, and consolidate components. In addition, we optimized material usage and reinforced high-stress areas on the body.

We expect to start shipping the new design in mid-October. During the transition phase, we will attempt to avoid, wherever possible, mixing design revision styles per orifice within a single sales order.

If you have any additional questions, please contact customer service or your Regional Sales Manager.

Regards,

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