Technical Bulletin

To: Per Distribution List From: Doug Reiland

Date: 07/15/09

Subject: Festo Solenoid Compatibility

**Bulletin 071509-06**

ITW Dynatec recommends that the use of Festo solenoid valves on the DY2002 and DY2008 Pattern Controllers be limited to one solenoid for each drive output channel. The Festo solenoid valve incorporates a pulse width modulation circuit. Solenoid activation produces an inrush current that can cause the DY2002 and DY2008 over-current circuit to activate. This causes the pattern control to go into a fault condition and can potentially cause damage to the drive output card.