

# Feed Pump Shutdown Kit

3A1905B

ΕN

To automatically shut off air supply to material feed supply pumps used with Reactor<sup>®</sup> E-30i and E-XP2i, Reactor<sup>®</sup> 2 Elite Integrated, or Reactor<sup>®</sup> 2 Elite Proportioning Systems. For professional use only. Not for use in explosive atmospheres.



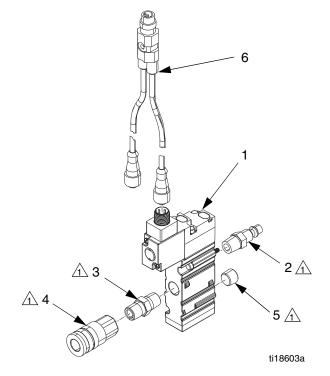
#### **Important Safety Instructions**

Read all warnings and instructions in this manual and the Reactor operation manual. Save these instructions.

#### **24U177 Parts**

Installation for 1st Generation Integrated Reactor, page 2 Installation for Reactor 2 Elite Integrated Systems, page 3 Installation for Reactor 2 Elite Systems, page 4

Ref	Part	Description	Qty
1	16K335	VALVE, solenoid, 3-way	2
2	169970	FITTING, line air, 1/4-18 npt	2
3	156971	NIPPLE, short, 1/4-18 npt	2
4	114558	COUPLER, line, air, 1/4-18 npt	2
5	100721	PLUG, pipe	2
6	125982	CABLE, GCA, splitter, M12;	1
		60 in. (1.5 m)	
7	261105	TIE, cable; 14 in. (355.6 mm); not	3
		shown	
8	122030	CABLE, GCA, M12-5p;	1
		20 in. (0.5 m)	
9	121612	CONNECTOR, thru, M12, mxf	1
11	123656	CABLE, 5 pin; 79 in. (2 m)	1



Apply PTFE tape on threads.

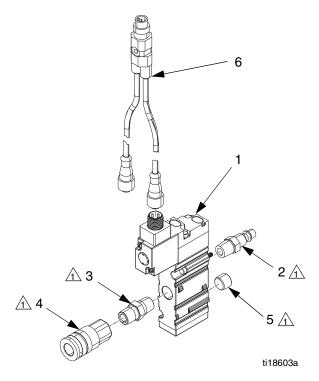
Solenoid Valve Air Flow Diagram



## **Installation for 1st Generation Integrated Reactor**

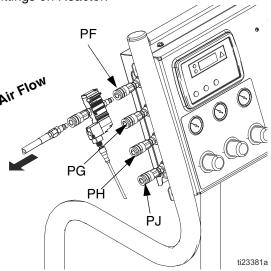
1. Install fittings on solenoid valves (1).

**NOTE:** Identification numbers on the solenoid valve match the solenoid valve air flow diagram.



Apply PTFE tape on threads.

2. Connect assemblies to A and B feed pump air outlet fittings on Reactor.



Ref	Air Outlet		
PF	A Pump		
PG	B Pump		
PH	Agitator		
PJ	Gun		

- Connect S1 splitter cable (6) to A side valve (1) and S2 to B side valve (1). Remove MCM guards and connect other end of splitter cable to port #7 on MCM.
- 4. Turn on the ADM.
- At the Setup System screen, set the level for the Pressure Imbalance Alarm. The solenoid valves will close when the Pressure Imbalance Alarm occurs. See operation manual for more information.

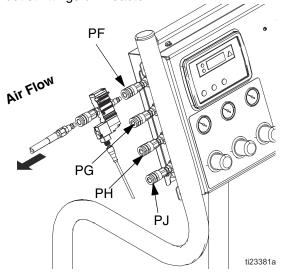
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## **Installation for Reactor 2 Elite Integrated Systems**

1. Install fittings on solenoid valves (1) as shown on page 2.

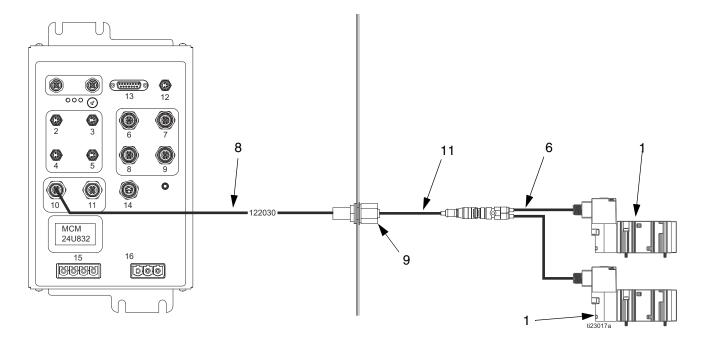
**NOTE:** Identification numbers on the solenoid valve match the solenoid valve air flow diagram.

2. Connect assemblies to A and B feed pump to air outlet fittings on Reactor.



Ref	Air Outlet		
PF	A Pump		
PG	B Pump		
PH	Agitator		
PJ	Gun		

- 3. Connect S1 splitter cable (6) to A side valve (1) and S2 to B side valve (1).
- 4. Connect other end of splitter cable (6) to extension cable (11).
- 5. Remove bulkhead knockout from electrical enclosure and install bulk head fitting (9).
- 6. Connect extension cable (11) to bulkhead fitting (9).
- 7. Attach cable (8) to MCM connector #10 and to bulkhead fitting (9) inside the electrical enclosure.
- 8. Turn on the ADM.
- At the Setup System screen, set the level for the Pressure Imbalance Alarm and the Low Inlet Pressure Alarm. The solenoid valves will close when the Pressure Imbalance Alarm or Low Inlet Pressure Alarm occurs. See operation manual for more information.



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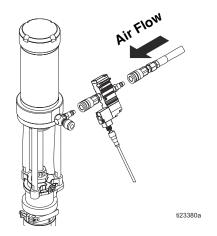
### **Installation for Reactor 2 Elite Systems**

 Install fittings on solenoid valves (1) as shown on page 2.

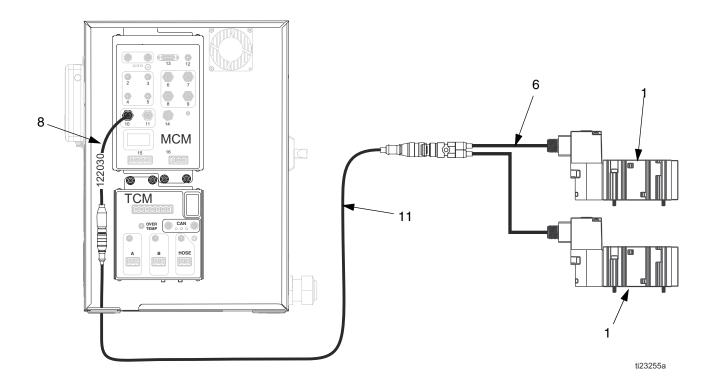
**NOTE:** Identification numbers on the solenoid valve match the solenoid valve air flow diagram.

2. Connect valve assemblies to A and B feed pump air supply hoses.

**NOTE:** If A and B drums are further apart than the splitter cable can reach, connect valves to the air hose supply connections.



- 3. Connect S1 splitter cable (6) to A side valve (1) and S2 to B side valve (1).
- Connect other end of splitter cable (6) to extension cable (11). Route other end of extension cable (11) through grommet on the bottom left of the control box.
- 5. Attach cable (8) to MCM connector #10 and to extension cable (11) inside the electrical enclosure.
- 6. Turn on the ADM.
- 7. At the Setup System screen, set the level for the Pressure Imbalance Alarm and the Low Inlet Pressure Alarm. The solenoid valves will close when the Pressure Imbalance Alarm or the Low Inlet Pressure Alarm occurs. See operation manual for more information.



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Original instructions. This manual contains English. MM 3A1905

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