

Fluid Inlet Sensor Kit

3A3009A

EN

For measuring chemical inlet pressure and temperature on a Reactor[®] 2 hydraulic proportioner. For professional use only.

Kit No. 17F837

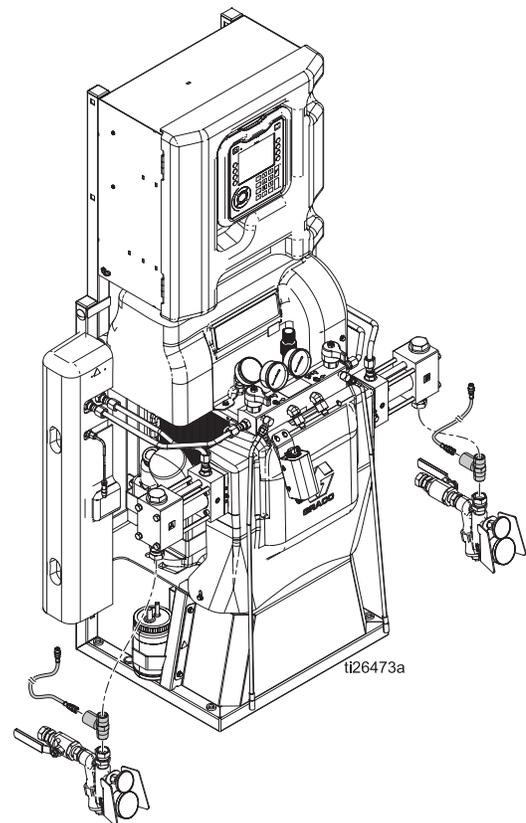


Important Safety Instructions

Read all warnings and instructions in this manual and in the Reactor 2 hydraulic proportioner manual. Save all instructions.

Related Manuals

Manual	Description
334945	Reactor 2 Hydraulic Proportioner Operation
334946	Reactor 2 Hydraulic Proportioner Repair



Warnings

The following warnings are for the setup, use, grounding, maintenance, and repair of this equipment. The exclamation point symbol alerts you to a general warning and the hazard symbols refer to procedure-specific risks. When these symbols appear in the body of this manual or on warning labels, refer back to these Warnings. Product-specific hazard symbols and warnings not covered in this section may appear throughout the body of this manual where applicable.

 <h1 style="margin: 0;">WARNING</h1>	
	<p>ELECTRIC SHOCK HAZARD</p> <p>This equipment must be grounded. Improper grounding, setup, or usage of the system can cause electric shock.</p> <ul style="list-style-type: none"> • Turn off and disconnect power at main switch before disconnecting any cables and before servicing or installing equipment. • Connect only to grounded power source. • All electrical wiring must be done by a qualified electrician and comply with all local codes and regulations.
	<p>SKIN INJECTION HAZARD</p> <p>High-pressure fluid from dispensing device, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. Get immediate surgical treatment.</p> <ul style="list-style-type: none"> • Engage trigger lock when not dispensing. • Do not point dispensing device at anyone or at any part of the body. • Do not put your hand over the fluid outlet. • Do not stop or deflect leaks with your hand, body, glove, or rag. • Follow the Pressure Relief Procedure when you stop dispensing and before cleaning, checking, or servicing equipment. • Tighten all fluid connections before operating the equipment. • Check hoses and couplings daily. Replace worn or damaged parts immediately.

Installation

1. Shutdown system. See Reactor manual for instructions.
2. Use wrench to remove nipple between swivel fittings.

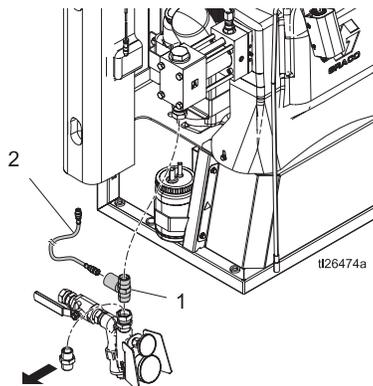


FIG. 1

3. Install sensor fitting (1) as shown.
4. Route sensor cable (2) to the electrical enclosure.
 - a. For the A Side: Secure the cable to the frame with three tie wraps and follow the wiring path behind the proportioner pumpline in to the electrical enclosure.

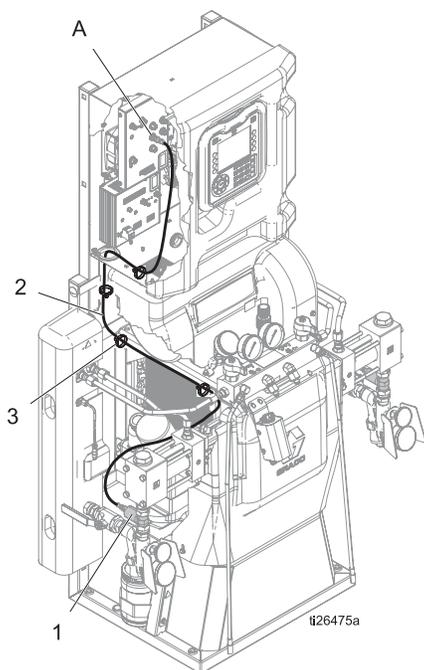


FIG. 2: A Side

- b. For the B side: Route the sensor cable (2) backwards and route the cable up the frame into the electrical enclosure.

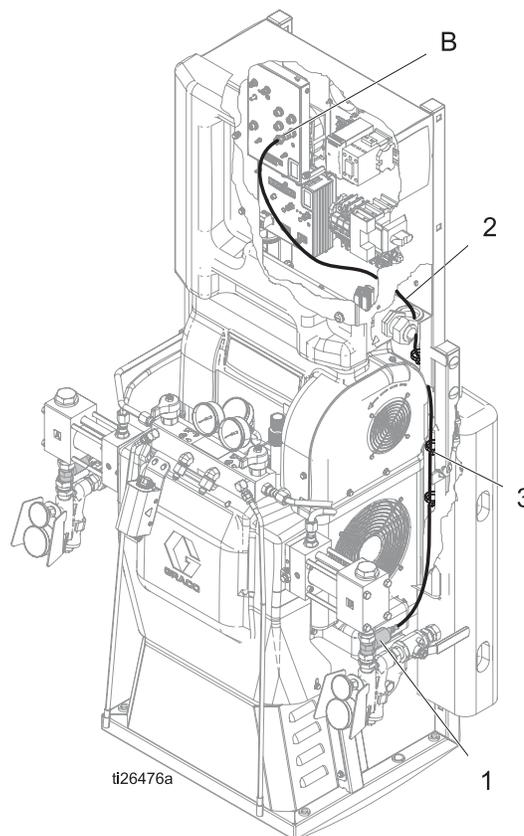


FIG. 3: B Side

5. Connect the pump fluid inlet sensor cables (2) to the HCM.
 - a. A Pump: Connector 8
 - b. B Pump: Connector 9

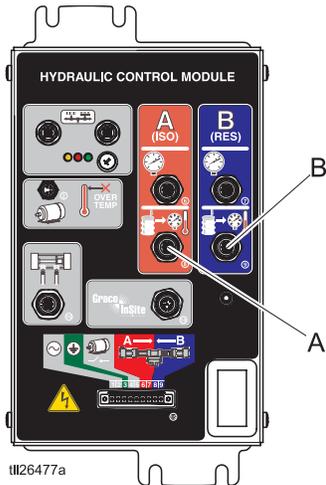
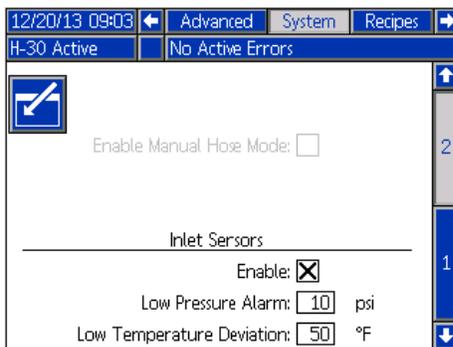


FIG. 4: HCM Cable Connections

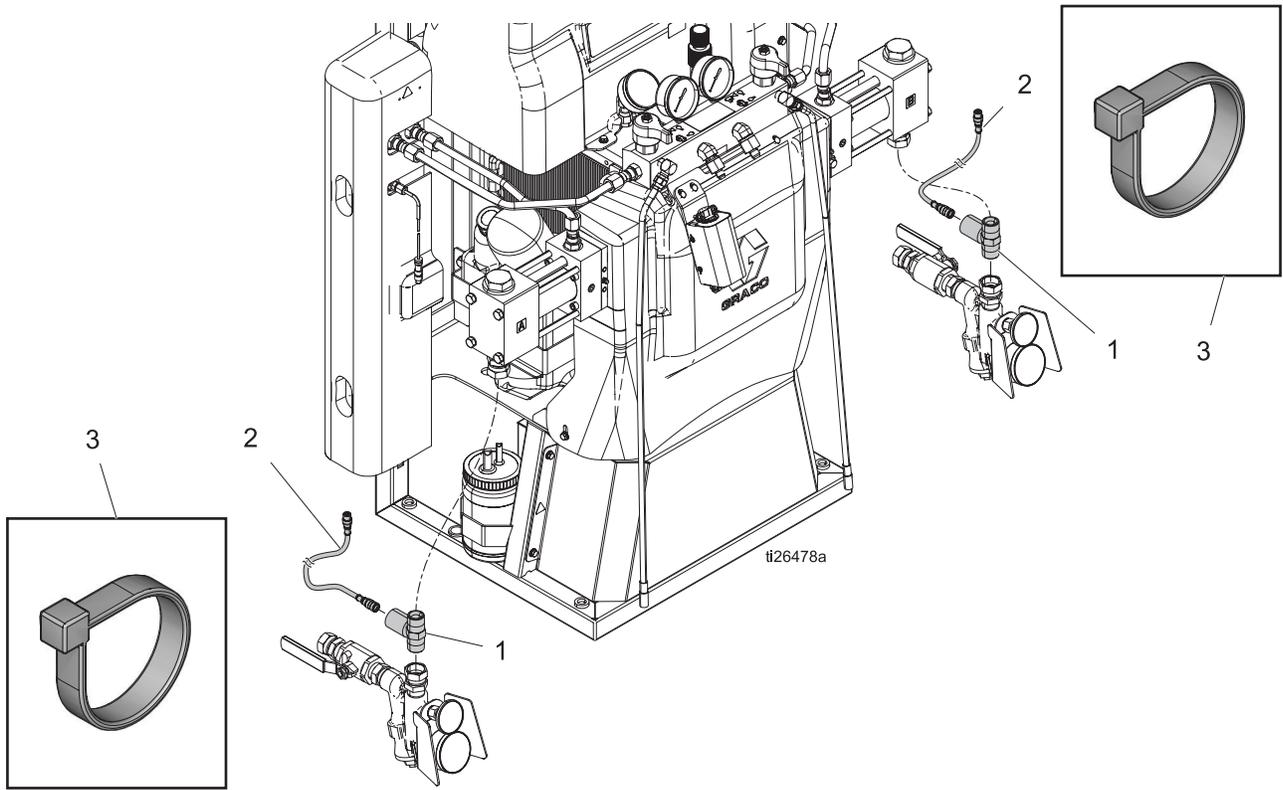
Activate Fluid Inlet Sensors

Enter the ADM Setup screens to activate the fluid inlet sensors.

1. Set the minimum inlet temperatures and pressures and select the Enable box to use the inlet sensors.



Parts



17F837

Ref.	Part	Description	Qty.
1	---	ASSEMBLY, transducer; includes 1a and 1b	2
1a	624545	FITTING, nipple, pipe	2
1b	24U851	TRANSDUCER, includes foam	2
2	16W130	CABLE, M12 5p, f x m, 2.0 m	2
3	125871	TIE, cable, 7.5 in.	8

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Original instructions. This manual contains English. MM 3A3009

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