

Solenoids

X005029B

EN

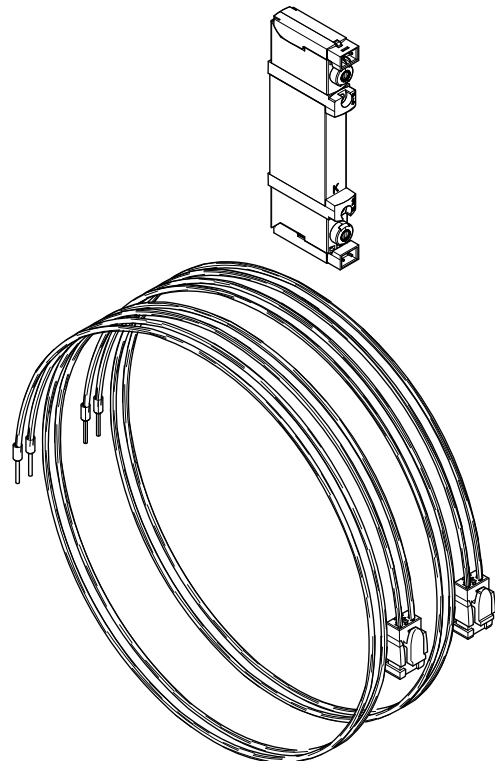
For actuation of pneumatic flow to various components of the ProMix V Package Meter Proportioner. For professional use only.

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Important Safety Instructions

Read all warnings and instructions in this manual and in any related manuals before using the equipment. Be familiar with the proper control and usage of the equipment. Save these instructions.



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Related Manuals

Find English manuals and any available translations at www.graco.com.

English Manual Number	Description
3B0203	ProMix V Package Meter Proportioner Instructions
3B0361	ProMix V Package Meter Proportioner Repair-Parts
3B0236	Fluid Mix Manifold Instructions

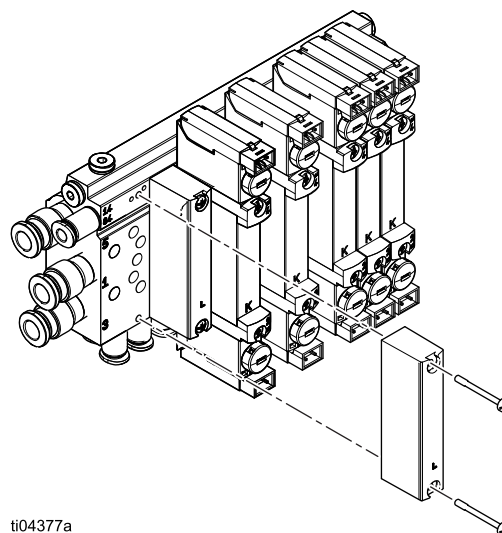
Installation

 WARNING				
				
PRESSURIZED FLUID HAZARD This equipment stays pressurized until pressure is manually relieved. To help prevent serious injury from pressurized fluid, such as skin injection, splashing fluid and moving parts, follow the Pressure Relief Procedure when you stop pumping and before cleaning, checking or servicing the equipment.				
PERSONAL PROTECTIVE EQUIPMENT Wear appropriate protective equipment when in the work area to help prevent serious injury, including eye injury, hearing loss, inhalation of toxic fumes, and burns.				

1. Perform the Pressure Relief procedure in the ProMix V Package Meter Proportioner Instructions manual. See **Related Manuals**, page 2.
2. Perform the Shutdown procedure in the ProMix V Package Meter Proportioner Instructions manual. See **Related Manuals**, page 2.
3. Remove the plug, examine the port, and remove any burrs or other debris.
4. Install the supplied cable bundle (102) (gray cable bundle) onto the solenoid.

NOTE: The placement of the solenoid is specific to the application. Reference the sticker located below the solenoid manifold.

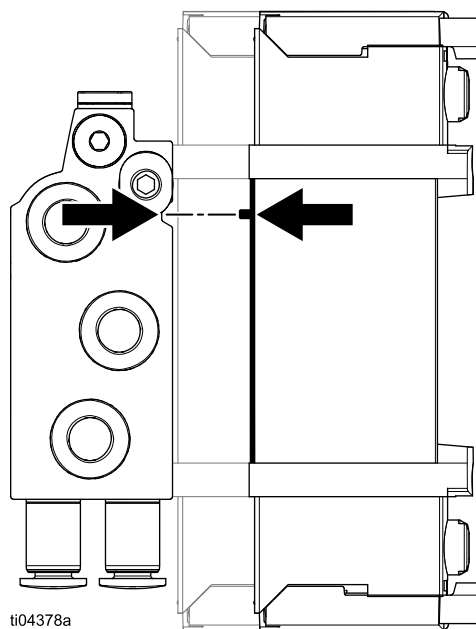
5. Remove the appropriate plastic cover of the solenoid by removing the two screws.



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FIG. 1

6. Make sure the manifold is oriented correctly. The groove on the aluminum manifold and rubber nub on the solenoid should be facing up.



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FIG. 2

7. Use a screwdriver to install the solenoid.
8. Reinstall the mix manifold.

Parts

- 9. Route new air hoses as necessary.
- 10. Install the wires into the appropriate ports of the I/O module. See FIG. 4 on page 5.

NOTE: The solenoids do not have a negative or positive, so placement of specific wire colors is irrelevant. Make sure to install wires in the next pair of open ports on the terminal block.

Parts

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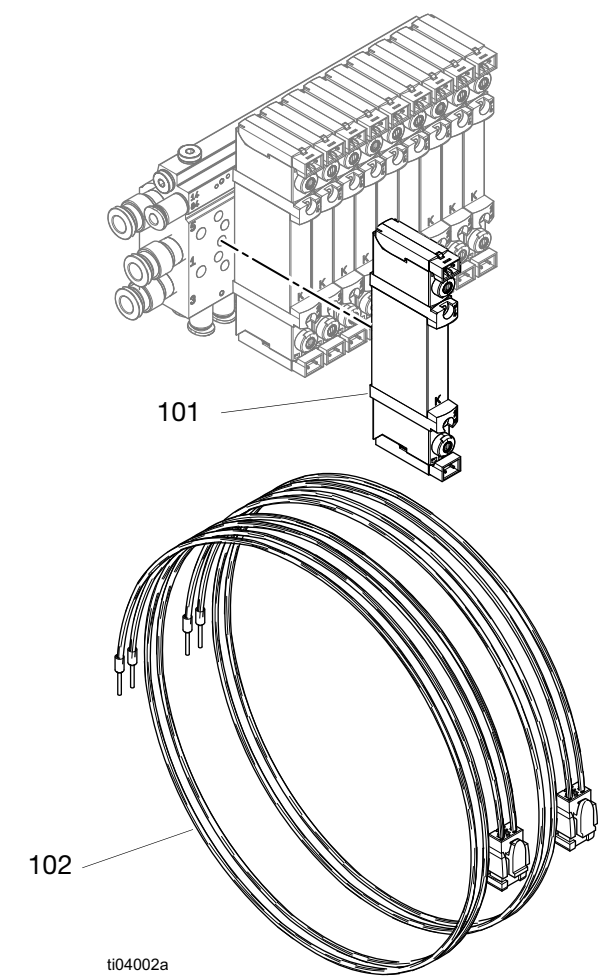


FIG. 3

Ref.	Part	Description	Qty
101	---	VALVE, solenoid 314 bullet normal location	1
102	---	CABLE, solenoid, fluid control	1

Solenoid Wiring

M4000	2CNT-100	2CNT-100	8DI-P	8DO-P	PF-O	8DO-P	8DO-P	8DO-P
	1 METER BS 1 METER B - 2 METER B + 3 4	1 2 3 4	1 2 3 4	1 2 3 4		1 2 3 4	1 2 3 4	1 2 3 4
			2 STOP PB 1 SOL FS - 2 SOL FS + 3 4	2 1 2 3 4		2 GFB TRG 2 + 1 GFB TRG 2 - 2 GFB TRG 1 + 3 GFB TRG 1 - 4	2 AIR OFF G2 + 1 AIR OFF G2 - 2 AIR OFF G1 + 3 AIR OFF G1 - 4	2 COL 5 + 1 COL 5 - 2 COL 4 + 3 COL 4 - 4
3 24V DC 1.3.1 1 VJ 1.3.2-1.4.1 2 COM 1.3.3 3 CJ 1.3.4-1.4.3 4	3 METER AS 1 METER A - 2 METER A + 3 4	3 METER SS 1 METER S - 2 METER S + 3 4	3 GFB PS 2 - 1 GFB PS 2 + 2 GFB PS 1 - 3 GFB PS 1 + 4	3 LIGHT RED + 1 LIGHT YEL + 2 3 LIGHT YEL + 3 4		3 PURGE B + 1 PURGE B - 2 PURGE A + 3 PURGE A - 4	3 PURGE A2 + 1 PURGE A2 - 2 CAT 2 + 3 CAT 2 - 4	3 COL 3 + 1 COL 3 - 2 COL 2 + 3 COL 2 - 4
4 VJ 1.3.2-1.4.1 1 24V DC PB 2 CJ 1.3.4-1.4.3 3 CJ 1.4.4-6.4.4 4			4 AIR FS 2 - 1 AIR FS 2 + 2 AIR FS 1 - 3 AIR FS 1 + 4	4 LIGHT GRN + 1 LIGHT COM - 2 ALARM + 3 ALARM - 4	4 STOP PB 1 24V DC 6.4.2 2 3 CJ 1.4.4-6.4.4 4	4 DOSE B + 1 DOSE B - 2 DOSE A + 3 DOSE A - 4	4 CAT 1 + 1 CAT 1 - 2 CAT FLUSH + 3 CAT FLUSH - 4	4 COL 1 + 1 COL 1 - 2 COL FLUSH + 3 COL FLUSH - 4
EXP-1	EXP-2	EXP-3	EXP-4	EXP-5	EXP-6	EXP-7	EXP-8	EXP-9

FIG. 4

California Proposition 65

CALIFORNIA RESIDENTS

 **WARNING:** Cancer and reproductive harm – www.P65warnings.ca.gov.

Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

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For patent information, see www.graco.com/patents.

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*All written and visual data contained in this document reflects the latest product information available at the time of publication.
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Original instructions. This manual contains English. MM X005029

Graco Headquarters: Minneapolis

International Offices: Belgium, China, Japan, Korea

GRACO INC. AND SUBSIDIARIES • P.O. BOX 1441 • MINNEAPOLIS MN 55440-1441 • USA
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Revision B, June 2025