

Configuration

Required					Optional		
PEM050 - 02 B 1AF04 - E3 - H1 - LF0 - 2P6 - 3F4							
0	1	2	3	4	5	6	7-11
Model	Ports	Motor	Fittings	Connection	Comm.	Leak Detect	Different Port Fitting Options

Instructions

Options 0-4 are required. Options 5-11 are not required.
 To define fittings at different ports, see section 7-11
 Contact support for revision or copy exact information.

Standard options are highlighted

0. Model	
50-ml electronic metering pump	PEM050

1. Ports	
Two ports	02
Three ports	03
Four ports	04
Five ports	05
Six ports	06

2. Motor Location	
Motor on bottom	B
Motor on top	T

3. Fittings		
* Selected fitting is for all ports unless different fittings are defined. (See 7-11).		
 Flaretek Compatible	1/4 in.	1AF04
	3/8 in.	1AF06
 Pillar S-300	1/8 in.	1AP02
	1/4 in.	1AP04
	3/8 in.	1AP06
FNPT	1/4 in.	1AN04
	3/8 in.	1AN06
Primelock	1/4 in.	1AL04
	3/8 in.	1AL06

4. Connection & Cables	
Wire leads with 5-m (15-ft) ETFE-coated cable	E1
Wire leads with 5-m (15-ft) FEP-encapsulated cable	E2
Two 5-pin M12 Turck connectors, cable not included	E3
Two 5-pin M12 Turck connectors with 6-m (18-ft) cable	E4

* Options E1/E2 connections are inside the pump casing.
 * Options E3/E4 connectors are available outside of pump casing.
 * Options with cables include power and communication cables.
 * Turck connectors provide power and communication.

5. Communication Protocol	
Serial over RS-422	Blank
Ethernet RJ45	H1
Ethernet RJ45, (communication cord cut to 2-m (6-ft))	H2
Serial over RS-232	H3

* Cables match selected Connection & Cable options.

6. Leak Detection	
No Leak detection	Blank
15 ft. fiber optic cable, no amplifier	LF0
15 ft. fiber optic cable, with D10 amplifier	LF1
25 ft. fiber optic cable, no amplifier	LF2
25 ft. fiber optic cable, with D10 amplifier	LF3
15 ft. conductivity cable	LC0
25 ft. conductivity cable	LC1

Example Configurations

PEM050-04B1AF04-E3	All four fittings are F04.
PEM050-04B1AF04-E3-2P6	Fitting 1 is F04. Fittings 2-4 are P6.
PEM050-04B1AF04-E3-2P6-3F4	Fittings 1, 3, and 4 are F04/F4. Fitting 2 is P6.
PEM050-06B1AF04-E3-3P6-5F6	Fittings 1-2 are F04/F4. Fitting 3-4 are P6. Fittings 5-6 are F6.



Fig. 1

Fig. 2

7-11. Different Fittings

Specify different port fittings with Port Location label (e.g. 2) and Fitting label (e.g. F4). Repeat both labels for fittings that differ from the previous specified option. Unspecified port fitting options use the last specified option.

Port Locations

* Port location depends on motor location. See Fig. 1 and Fig. 2 for port numbers.

Motor (B) Fig. 1	Motor (T) Fig. 2	Port Label
Top left	Bottom right	2
Center right	Center left	3
Center left	Center right	4
Bottom right	Top left	5
Bottom left	Top right	6

Fittings	Label	
Flaretek Compatible	1/4 in.	F4
	3/8 in.	F6
Pillar S-300	1/8 in.	P2
	1/4 in.	P4
	3/8 in.	P6
FNPT	1/4 in.	N4
	3/8 in.	N6
Primelock	1/4 in.	L4
	3/8 in.	L6