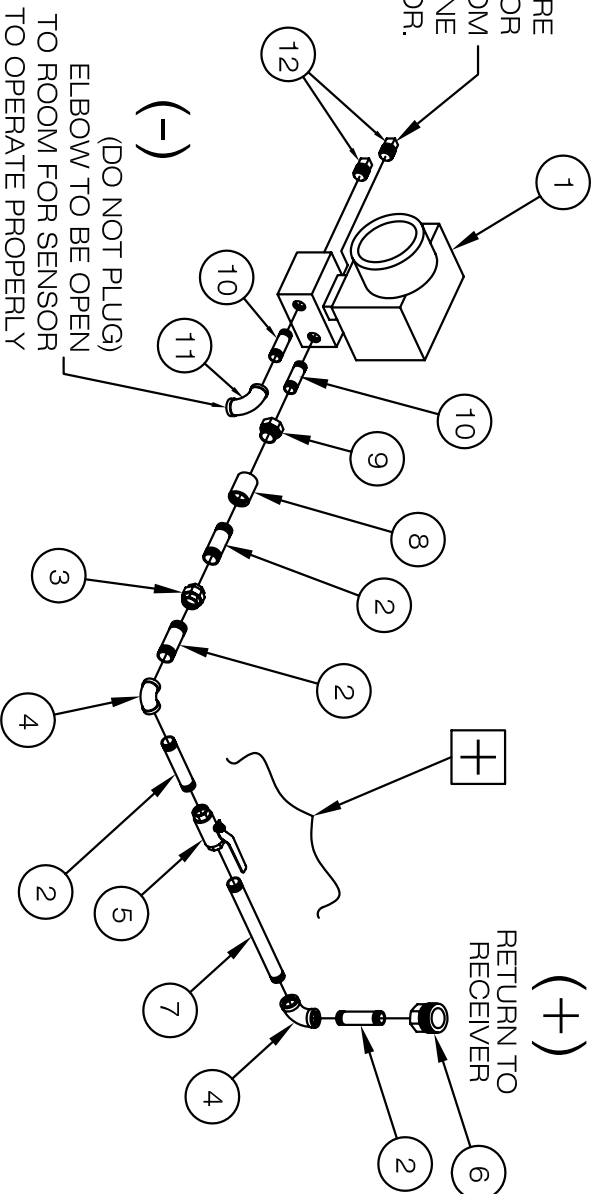


REMOVE SQUARE
PLUG FROM SENSOR
TO BLEED AIR FROM
THE + SENSING LINE
AT SENSOR.



START-UP PROCEDURE (ATMOSPHERIC UNIT)

1. FILL RECEIVER WITH WATER.
2. ALL VALVES IN THE (+) LEG MUST BE OPEN
3. REMOVE PIPE PLUG FROM (+) OPPOSITE SIDE OF TANK LEG CONNECTION. THIS IS TO RELEASE ANY TRAPPED AIR IN THE TRANSMITTER. THIS IS TO BE DONE BEFORE WATER IS UP TO TEMPERATURE.
4. (-) LEG FROM TRANSMITTER MUST BE VENTED TO ATMOSPHERE.

BILL OF MATERIAL

NO.	COMPONENT LIST	PART NUMBER	QTY.
1	SIEMENS DIFFERENTIAL PRESSURE TRANSMITTER	6ES7311-1CG03-0AB0	1
2	1/2" SCH40 NIPPLE @ 2 1/2" LG	LLCNTL-SIEM-7MF4433-DISP	1
3	1/2" 250# UNION	NIPPLE-B-0050X250	4
4	1/2" 150# 90° ELBOW	PE-JUNION-B-0050	1
5	1/2" BALL VALVE	PE-ELL-TH15-90-B-0050	2
6	1" x 1/2" BUSHING	BALVL-2PC-615-0050-BB	1
7	1/2" SCH40 PIPE (CUT TO LENGTH)	PE-BUSH-B-HEX-100-050	1
8	1/2" FULL COUPLING	PIPE-B106-040-0050	-
9	1/2" x 1/4" BUSHING	CLP-FOB-0050	1
10	1/4" SCH40 NIPPLE @ 2 1/2" LG	PE-BUSH-B-HEX-050-025	1
11	1/4" 150# 90° ELBOW	NIPPLE-B-0025X250	2
12	1/4" PIPE PLUG	PE-ELL-TH15-90-B-0025	1
		PE-PLUGSQ-SLD-B-0025	2

ALL CONNECTIONS ARE THREADED PIPE

**SHIPCO®
PUMPS**

MANUFACTURED BY

SHIPPENSBURG PUMP COMPANY INC.

P.O. Box 279 Shippenburg, Pa. 17257

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SIEMENS DIFFERENTIAL PRESSURE

TRANSMITTER PIPING

ATMOSPHERIC UNITS

S.A.D.

S.A.D.

DATE

10/09

REVISION

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PIPING DIAGRAM #

SIEMENS PIPING-A-1