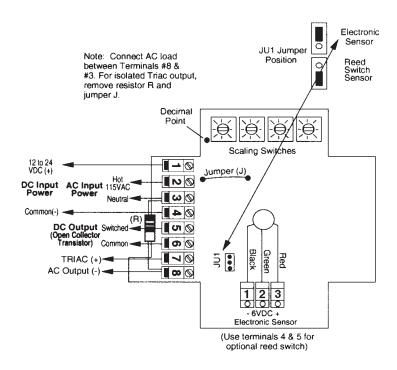
WIRING DIAGRAM

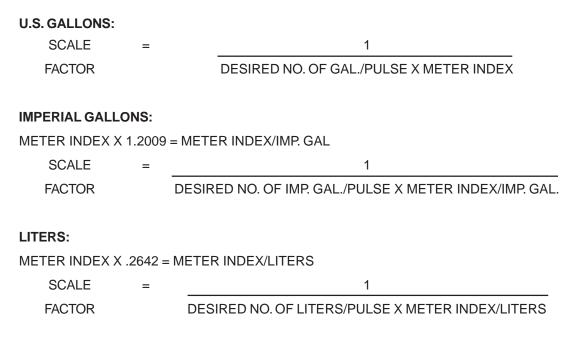
SCALE FACTOR FORMULA RE-CALIBRATION PROCEDURE



THE DRAWING TO THE LEFT IS FOR CONCRETE BATCH PANELS THAT REQUIRE A 115 VAC HOT PULSE FOR METER COUNTER. IF PANEL REQUIRES A 115 VAC NEUT. METER COUNTER, REVERSE THE CONNECTION ON TERMINALS 2 AND 3.

IF UNSURE ABOUT VOLTAGE REQUIRED FOR METER COUNTER, IT IS RECOM-MENDED THAT YOU CONTACT BATCH PANEL MANUFACTURER.

SCALE FACTOR FORMULAS



BadgerMeter,Inc. 6116 East 15th Street, Tulsa, OK 74112 Telephone: (800) 364-9876 / Fax: (918) 832-9962 www.badgermeter.com

APPLICATION

BRIEF

CALIBRATION PROCEDURE; BADGER METER ELECTRONIC SCALLABLE TRANSMITTERS

STEP #1

RUN THREE TEST TO DETERMINE THE AMOUNT DELIVERED VERSES THE AMOUNT SHOWN ON THE BATCH COUNTER. THESE TESTS SHOULD BE <u>CONSISTENT</u> WITH ONE ANOTHER.

STEP#2

READ THE SCALE FACTOR SETTING ON THE METER TRANSMITTER. (REFERENCE: SCALING SWITCHES)

STEP#3

USING THE FOLLOWING FORMULA, FIGURE THE NEW SCALE FACTOR FOR ERROR CORRECTION.

QUANTITY DELIVERED	Х	OLD SCALE		NEW SCALE
QUANTITY ASKED FOR		FACTOR	=	FACTOR

STEP #4

SET NEW SCALE FACTOR ON METER TRANSMITTER.

EXAMPLE:

THREE 100 GALLON TESTS WERE RUN WITH THE FOLLOWING RESULTS:

DELIVERED AMOUNT	DISPLAYED AMOUNT
103	100
102.5	100
103	100

EXISTING SCALE FACTOR IS .0403

 $\frac{102.8}{100}$ X .0403 = .0414

SET SCALE SWITCHES AT .0414