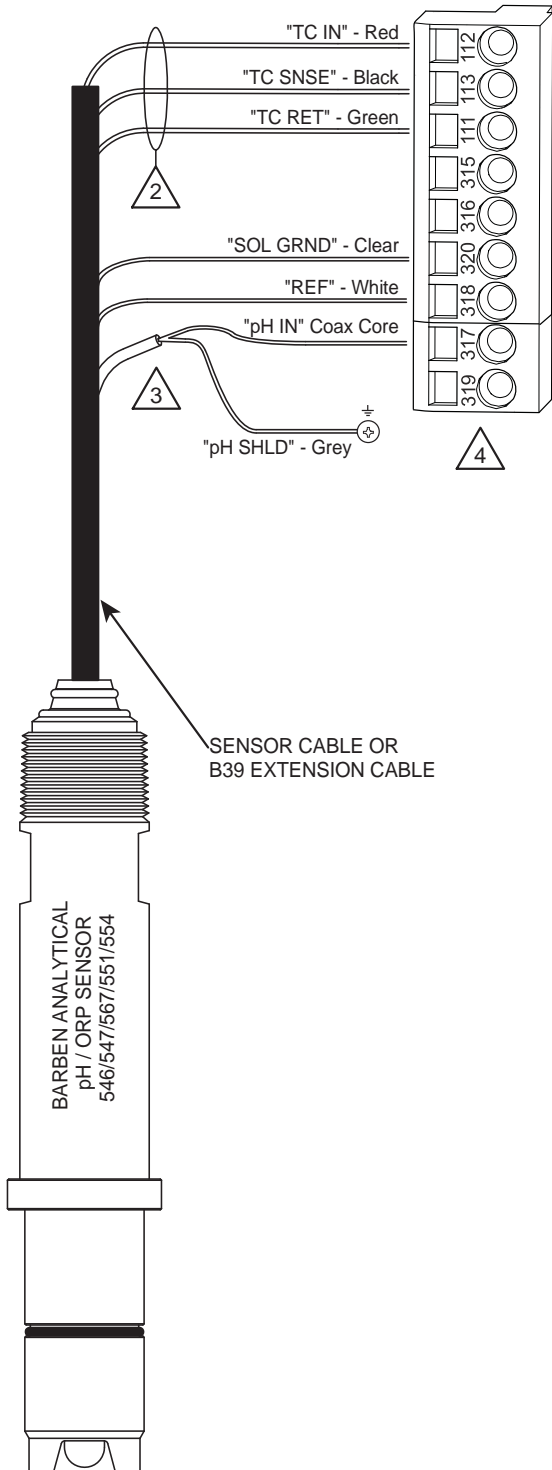


BARBEN SENSOR: "E" TERMINATION

e.g. (B-V-546-X-XX-X-X-X-E-XX)



"IMPORTANT WARNINGS"



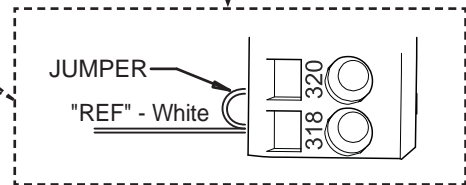
THE WIRING SHOWS A SENSOR WITH A SOLUTION GROUND. THIS OPTION IS DESIGNATED WITH WITH "GT", "UT" OR "LT" IN THE MODEL NUMBER.

e.g. (B-V-546-X-LT-X-X-X-X-X)

SENSORS WITHOUT A SOLUTION GROUND HAVE "FT", "ST" OR "DT" IN THE MODEL NUMBER.

e.g. (B-V-546-X-DT-X-X-X-X-X)

SENSORS WITHOUT A SOLUTION GROUND REQUIRE THAT SENSOR DIAGNOSTICS BE TURNED OFF IN THE TRANSMITTER AND A JUMPER IS INSTALLED AS SHOWN BELOW.



FOR SENSORS WITHOUT TEMPERATURE COMPENSATION DISREGARD TC WIRES. PROGRAM ANALYZER FOR MANUAL TEMPERATURE COMPENSATION.



FOR ORP/REDOX SENSORS COAX CORE WILL BE LABELED AS "ORP IN" AND WIRING IS THE SAME.

ANALYZER CONFIGURATION & SETTINGS

- WIRING

Sensor Lead

"TC IN" - Red
 "TC SNSE" - Black
 "TC RET" - Green
 "SOL GRND" - Clear (Drain)
 "REF" - White
 "pH SHLD" - Coax Shield
 "pH IN" - Coax Core Shield

Analyzer Terminal

(112)
 (113)
 (111)
 (320)
 (318)
 (318)
 (317)

- SELECT PT100 OR PT1000 RTD BASED ON SENSOR
- SELECT AUTOMATIC TEMPERATURE COMPENSATION MODE
- THE CM42 TRANSMITTER MUST HAVE AN INPUT pH/ORP MODULE (P/N 51518004) OR Ex INPUT pH/ORP MODULE (P/N 51517466) INSTALLED. BARBEN OR OTHER BRANDS OF pH SENSORS WILL NOT WORK WITH MEMOSENSE INPUT.



