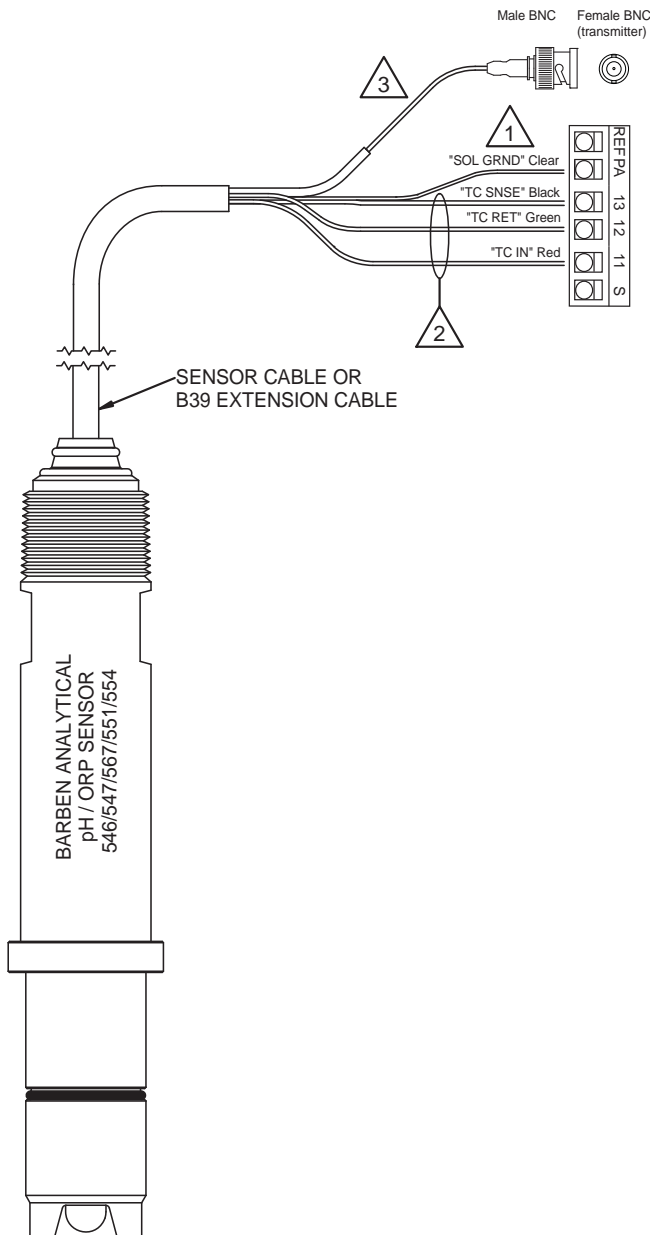


BARBEN SENSOR: "C" TERMINATION

e.g. (B-V-546-X-XX-X-X-X-**C**-XX)



"IMPORTANT WARNINGS"

PLEASE NOTE THAT THE CPM223 PRODUCT USES A FEMALE BNC CONNECTOR. ONLY BARBEN SENSORS WITH THE "C" TERMINATION AND SIMILAR MATING BNC CONNECTOR ARE COMPATIBLE.



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.



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

Male BNC (pH Glass and Reference
 "SOL GRND" - Clear (Drain)
 "TC IN" - Red
 "TC SNSE" - Black
 "TC RET" - Green

Analyzer Terminal

Female BNC
 PA
 11
 12
 13

- SELECT PT100 OR PT1000 RTD BASED ON SENSOR
- SELECT AUTOMATIC TEMPERATURE COMPENSATION MODE
- THE CPM223 ANALYZER COMES PRE-CONFIGURED FOR CONNECTION TO EITHER CONVENTIONAL GLASS PH SENSORS OR MEMOSENS DIGITAL SENSORS. THE MEMOSENS VERSION IS NOT COMPATIBLE WITH BARBEN OR OTHER BRANDS OF GLASS PH SENSORS.



THE REAR TERMINATIONS OF THE LIQUISYS M CPM223 AS SEEN ABOVE - NOTE THE SEPARATE BNC CONNECTOR IN THE UPPER RIGHT OF THE PRODUCT

Wiring Diagram

Endress & Hauser Liquisys M CPM223

Contact Us

Barben Analytical is a leading supplier of analytical measurement technology targeting the industrial marketplace. It is a wholly owned subsidiary of Ametek.

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