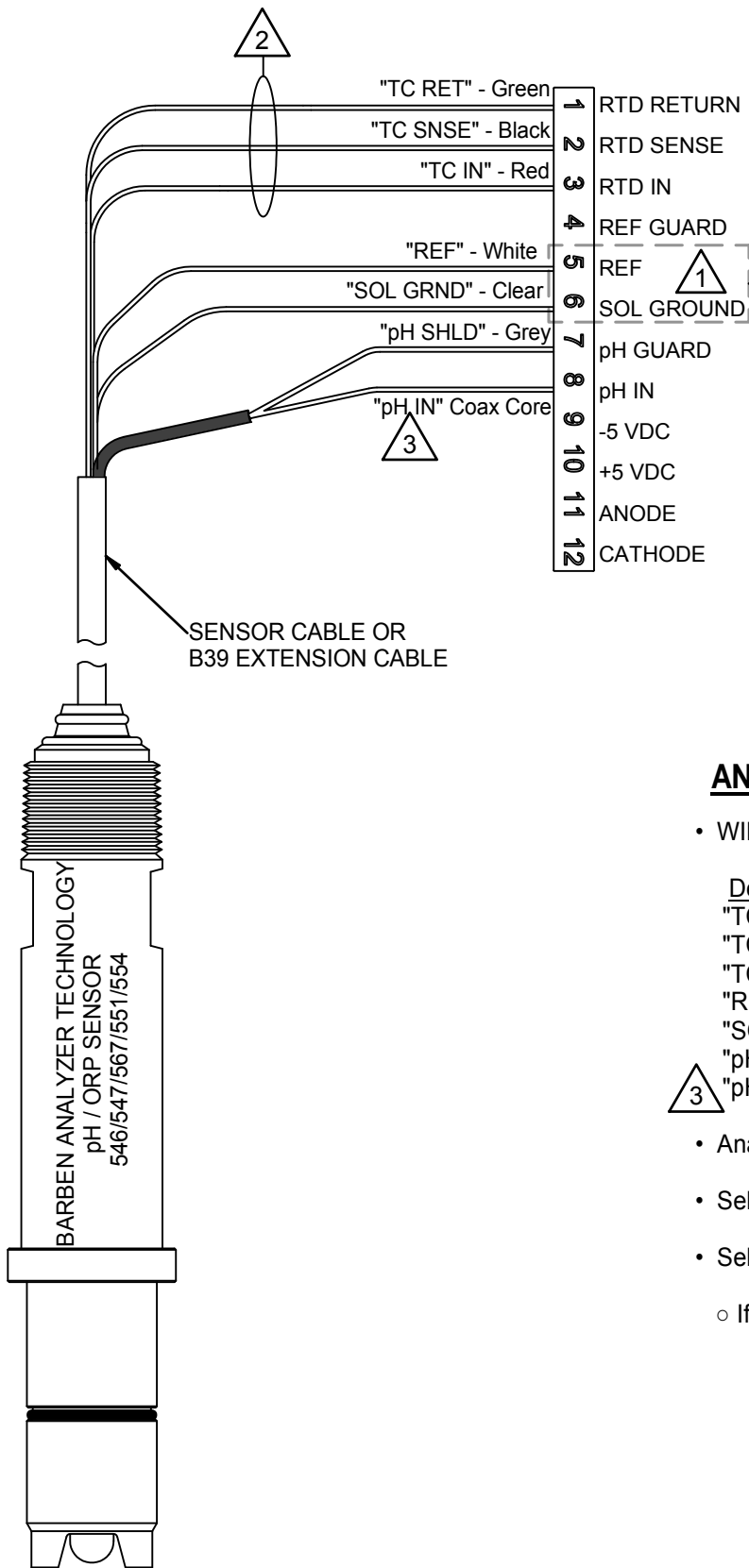


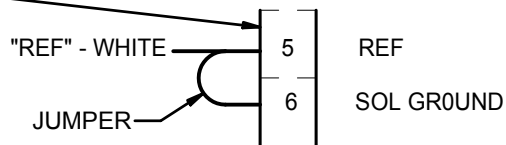
BARBEN ANALYZER TECHNOLOGY (BAT) pH/ORP SENSOR - WIRED TO ROSEMOUNT XMT
 BAT SENSOR CONFIGURATION: "E" TERMINATION



"IMPORTANT WARNING"

1 THE WIRING SHOWS A SENSOR WITH A "SOL GRND" WHICH IS AVAILABLE IN MODELS WITH (GT, UT & LT) e.g. (B-V-546-X-LT-X-X-X-X-X)

FOR SENSORS WITHOUT SOLUTION GROUND (FT, ST & DT) YOU MUST INSTALL A JUMPER



AND SENSOR DIAGNOSTICS MUST BE TURNED OFF.

2 FOR SENSORS W/O TC, DISREGARD TC WIRES. PROGRAM ANALYZER FOR MANUAL TEMPERATURE COMPENSATION.

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

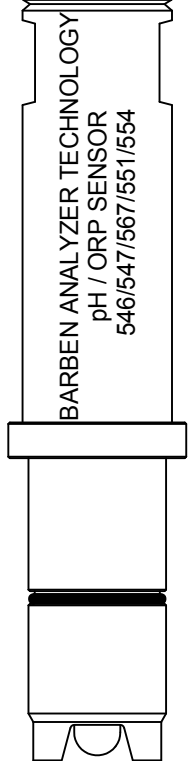
ANALYZER CONFIGURATION AND SETTINGS

• WIRING

Description	Terminal
"TC RET" - Green	1
"TC SNSE" - Black	2
"TC IN" - Red	3
"REF" - White	5
"SOL GRND" - Clear (Drain)	6
"pH SHLD" - Coax Grey	7
"pH IN" - Coax Core Wire	8

3

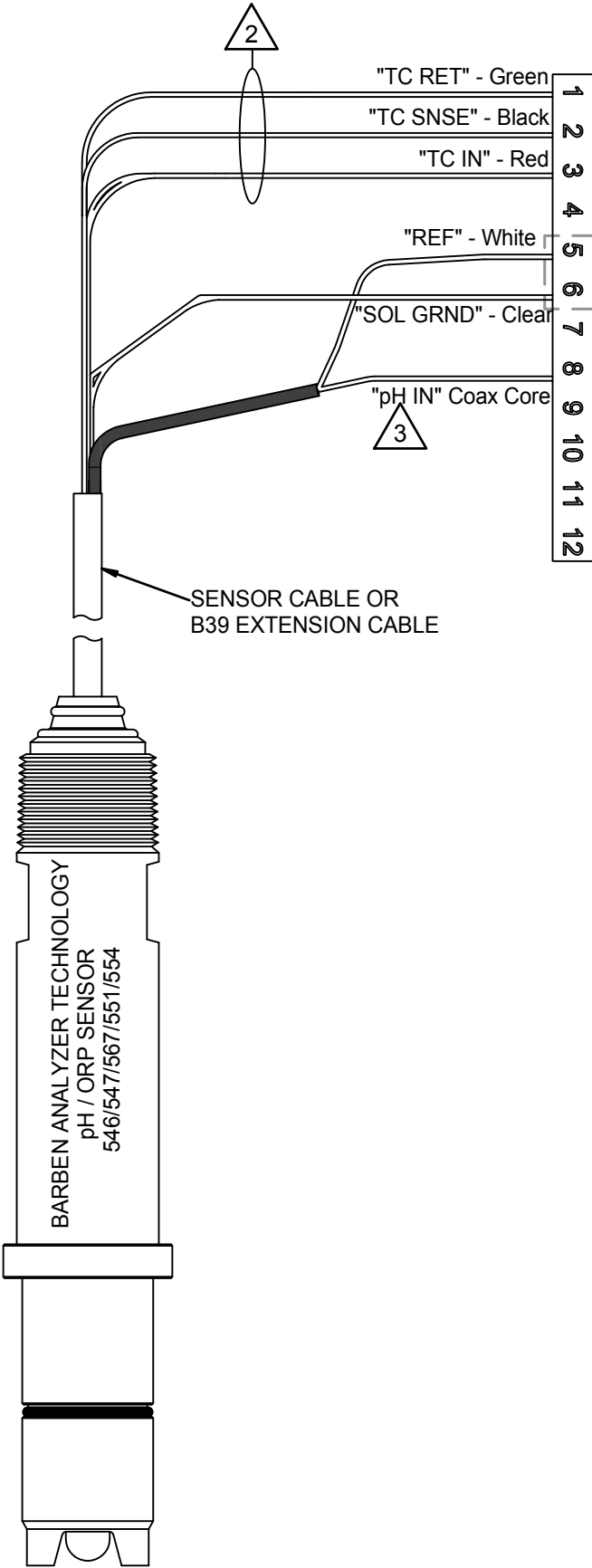
- Analyzer accepts PT100 & PT1000 RTD's
- Select automatic temperature compensation mode.
- Select Integral Pre-Amp XMTR.
 - If sensor cable > 30-ft Pre-Amp Required. Consult XMTR Manual.



-	05/21/12	INITIAL	WC	JL
REV	DATE	DESCRIPTION	DWN	APVD

REVISIONS				
BAT pH/ORP SENSOR "E" TERMINATION ROSEMOUNT XMT				
FOR XMT TO BAT pH SENSORS				
DIMENSIONS IN INCHES				
TOLERANCES		5200 Convair Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)297-4740		
.0 ± .015"		FRACTIONAL ALL ± .015"		
.00 ± .010"				
.000 ± .005"				
ANGLES ± 1/4°		DRAWN BY W. COWAN ECO DRAWING NO		
UNLESS OTHERWISE SPECIFIED		APVD BY J. LANG NA 2P0262		
DATE 05/21/2012		SCALE 1:1		SHEET 1 OF 2

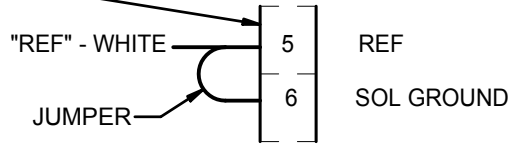
BARBEN ANALYZER TECHNOLOGY (BAT) pH/ORP SENSOR - WIRED TO ROSEMOUNT XMT
 BAT SENSOR CONFIGURATION: "C" TERMINATION



"IMPORTANT WARNING"

1 THE WIRING SHOWS A SENSOR WITH A "SOL GRND" WHICH IS AVAILABLE IN MODELS WITH (GT, UT & LT) e.g. (B-V-546-X-LT-X-X-X-X-X)

FOR SENSORS WITHOUT SOLUTION GROUND (FT, ST & DT) YOU MUST INSTALL A JUMPER



AND SENSOR DIAGNOSTICS MUST BE TURNED OFF.

2 FOR SENSORS W/O TC, DISREGARD TC WIRES. PROGRAM ANALYZER FOR MANUAL TEMPERATURE COMPENSATION.

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

ANALYZER CONFIGURATION AND SETTINGS

• WIRING

Description	Terminal
"TC RET" - Green	1
"TC SNSE" - Black	2
"TC IN" - Red	3
"REF" - White	5
"SOL GRND" - Clear (Drain)	6
3 "pH IN" - Coax Core Wire	8

- Analyzer accepts PT100 & PT1000 RTD's
- Select automatic temperature compensation mode.
- Select Integral Pre-Amp XMTR.
- If sensor cable > 30-ft Pre-Amp Required. Consult XMTR Manual.

-	05/21/12	INITIAL	WC	JL
REV	DATE	DESCRIPTION	DWN	APVD
REVISIONS				

DIMENSIONS IN INCHES	BAT pH/ORP SENSOR "C" TERMINATION ROSEMOUNT XMT			
TOLERANCES	FOR XMT TO BAT pH/ORP SENSORS			
.0 ± .015"	Analyzer Technology, LLC O'BRIEN 5200 Convair Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)297-4740			
.00 ± .010"				
.000 ± .005"				
FRACTIONAL ALL ± .015"	DRAWN BY	W. COWAN	ECO	DRAWING NO
ANGLES ± 1/4°	APVD BY	J. LANG	NA	2P0262
UNLESS OTHERWISE SPECIFIED	DATE	05/21/2012	SCALE	1:1
			SIZE	A
			SHEET	2 OF 2