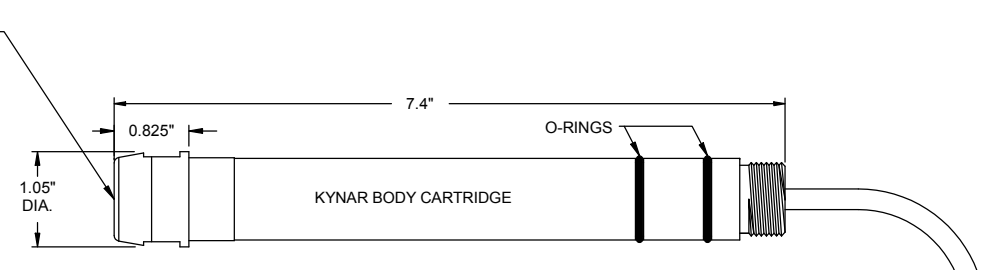


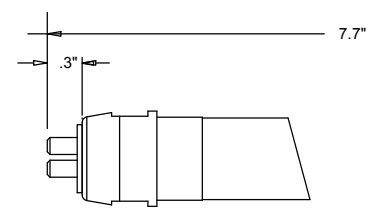
INTEGRAL TC ELEMENTS  
AVAILABLE  
PT100 RTD  
PT1000 RTD  
3.01K BALCO  
8550 Ω



B\_547 WITH "SH", "TH" OR "HH" ELECTRODES.  
0-2,000,000 MICROSIEMENS (TRUE RANGE ANALYZER DEPENDANT)  
NOMINAL CELL CONSTANT, 0.3727.

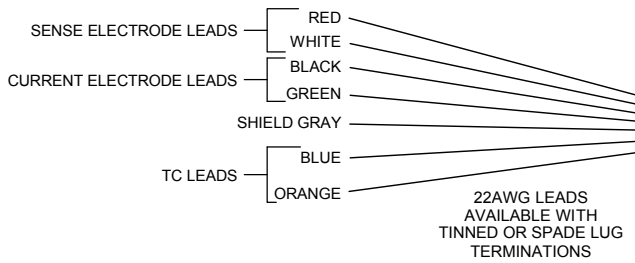
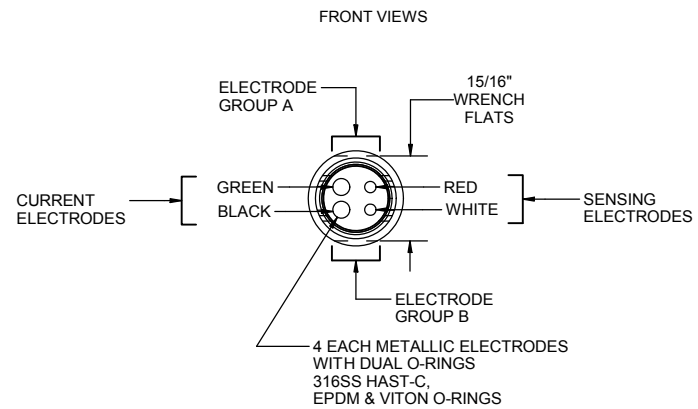
MAT'L'S: "SH" = 316SS / "TH" = TITANIUM GR-2 / "HH" = HAST C-276

SIDE VIEWS





B\_547 WITH "SM" OR "HM" ELECTRODES.  
0-1400 MICROSIEMENS (TRUE RANGE ANALYZER DEPENDANT)  
NOMINAL CELL CONSTANT, 0.0275

MAT'L'S: "SM" = 316SS / "HM" = HAST C-276

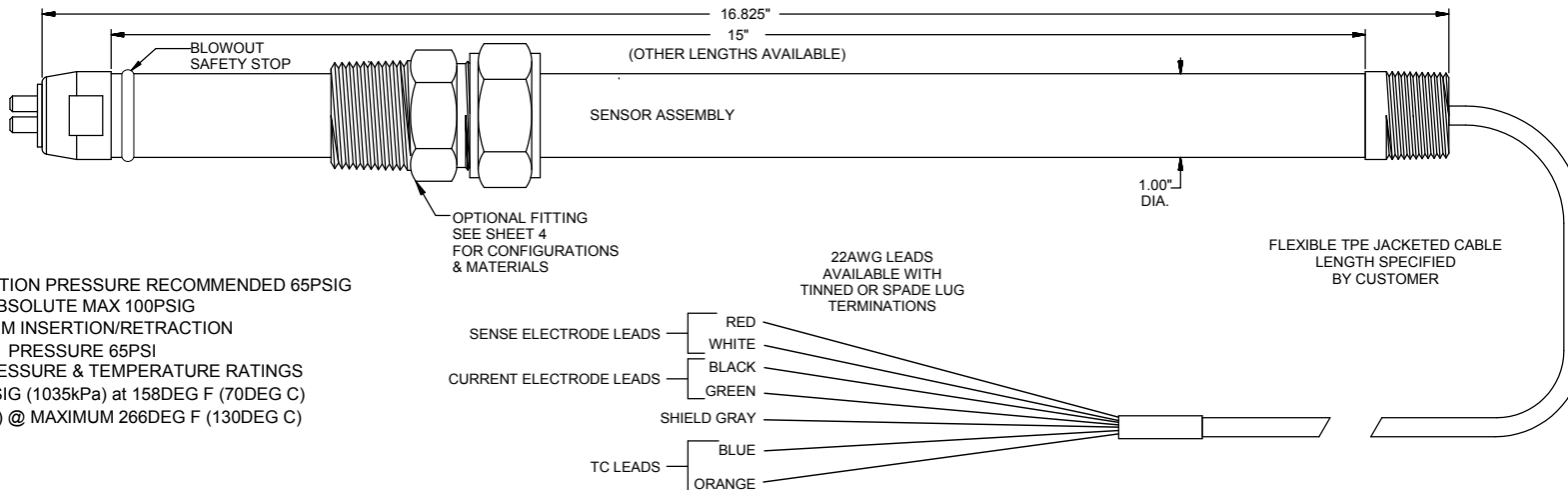
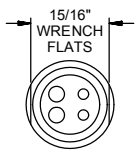


FLEXIBLE TPE JACKETED CABLE  
LENGTH SPECIFIED BY CUSTOMER

INSERTION / RETRACTION PRESSURE RECOMMENDED 65PSIG  
- ABSOLUTE MAX 100PSIG  
OPERATING PRESSURE & TEMPERATURE RATINGS  
MAXIMUM 150PSIG (1035kPa) at 158DEG F (70DEG C)  
40PSIG (276kPa) @ MAXIMUM 266DEG F (130DEG C)

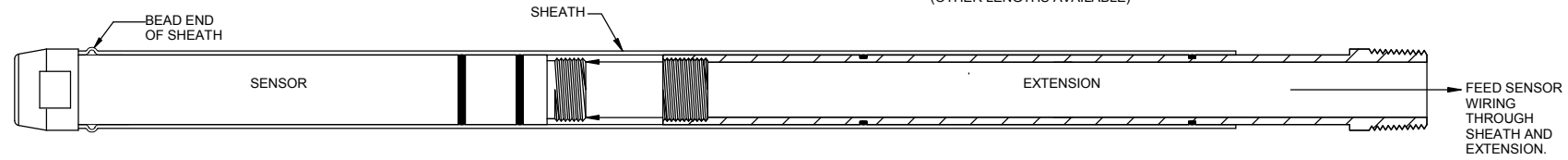
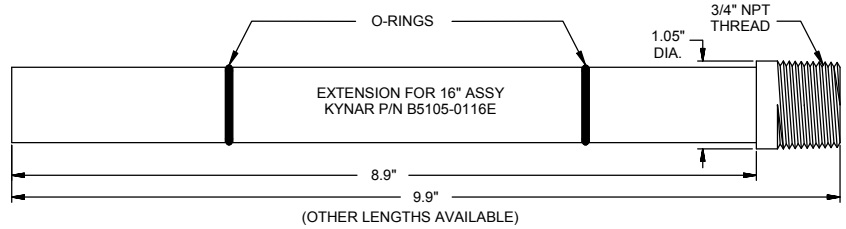
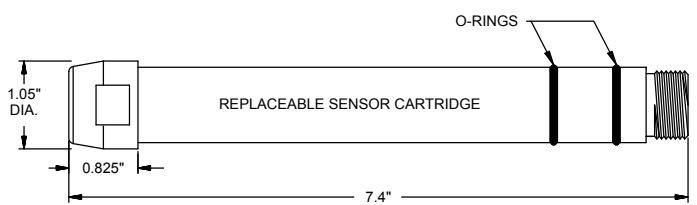
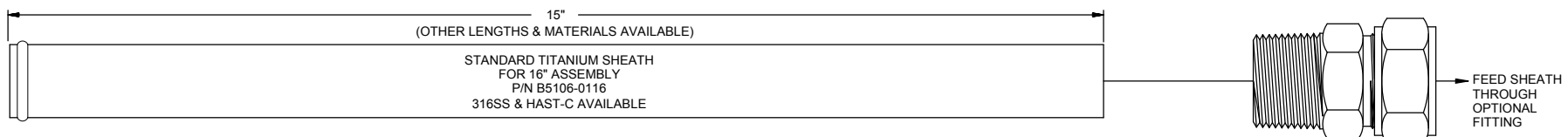
D	10/17/12	UPDATE NOTES & RATINGS	WC	HWM
REV	DATE	DESCRIPTION	DWN	APVD
REVISIONS				
MATERIAL/DESCRIPTION			PART NO.	
<b>547 CARTRIDGE 4 ELECTRODE CONDUCTIVITY SENSOR</b>				
PART NO.			FOR 4EL CONDUCTIVITY	
 				
5200 Convoir Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)297-4740				
DRAWN BY W. COWAN		ECO	DRAWING NO	
APVD BY		1856	2P0079	
DATE 08/25/2004		SCALE NONE	SIZE C	SHEET 1 OF 4

DIMENSIONS IN INCHES  
TOLERANCES  
.0 ± .015"  
.00 ± .010"  
.000 ± .005"  
FRACTIONAL ALL ± .015"  
ANGLES ± 1/4"  
UNLESS OTHERWISE SPECIFIED



INSERTION / RETRACTION PRESSURE RECOMMENDED 65PSIG  
 - ABSOLUTE MAX 100PSIG  
 MAXIMUM INSERTION/RETRACTION PRESSURE 65PSI  
 OPERATING PRESSURE & TEMPERATURE RATINGS  
 MAXIMUM 150PSIG (1035kPa) at 158DEG F (70DEG C)  
 40PSIG (276kPa) @ MAXIMUM 266DEG F (130DEG C)

- 22AWG LEADS AVAILABLE WITH TINNED OR SPADE LUG TERMINATIONS
- SENSE ELECTRODE LEADS — RED, WHITE
- CURRENT ELECTRODE LEADS — BLACK, GREEN
- SHIELD GRAY
- TC LEADS — BLUE, ORANGE



D	10/17/12	UPDATE NOTES & RATINGS	WC	HWM
REV	DATE	DESCRIPTION	DWN	APVD
REVISIONS				
MATERIAL/DESCRIPTION			PART NO.	

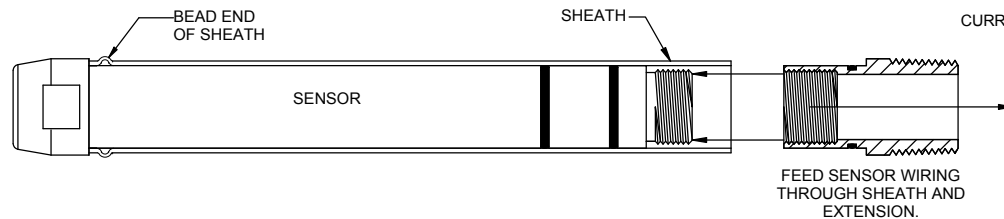
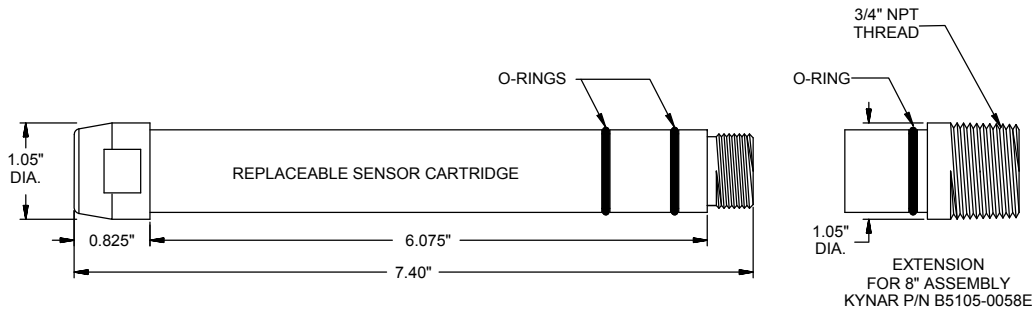
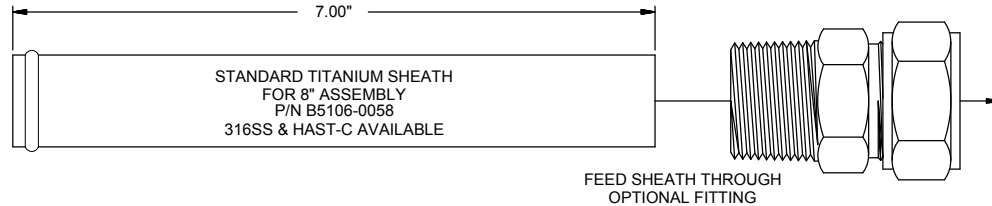
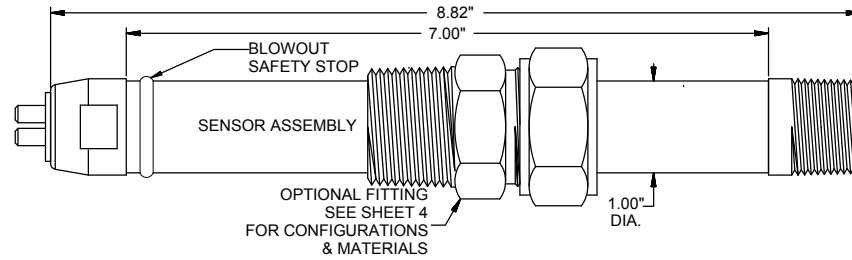
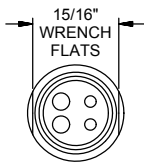
**547 16" 4 ELECTRODE CONDUCTIVITY SENSOR ASSEMBLY**

PART NO. B\_547 FOR 4EL CONDUCTIVITY

**BARBEN** Analyzer Technology, LLC **AMETEK** O'BRIEN

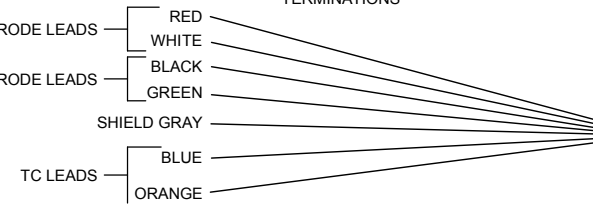
5200 Convair Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)297-4740

DRAWN BY	W. COWAN	ECO	DRAWING NO
APVD BY		1856	2P0079
DATE	08/25/2004	SCALE	NONE
		SIZE	C
		SHEET	2 OF 4



INSERTION / RETRACTION PRESSURE RECOMMENDED 65PSIG  
 - ABSOLUTE MAX 100PSIG  
 OPERATING PRESSURE & TEMPERATURE RATINGS  
 MAXIMUM 150PSIG (1035kPa) at 158DEG F (70DEG C)  
 40PSIG (276kPa) @ MAXIMUM 266DEG F (130DEG C)

22AWG LEADS  
 AVAILABLE WITH  
 TINNED OR SPADE LUG  
 TERMINATIONS

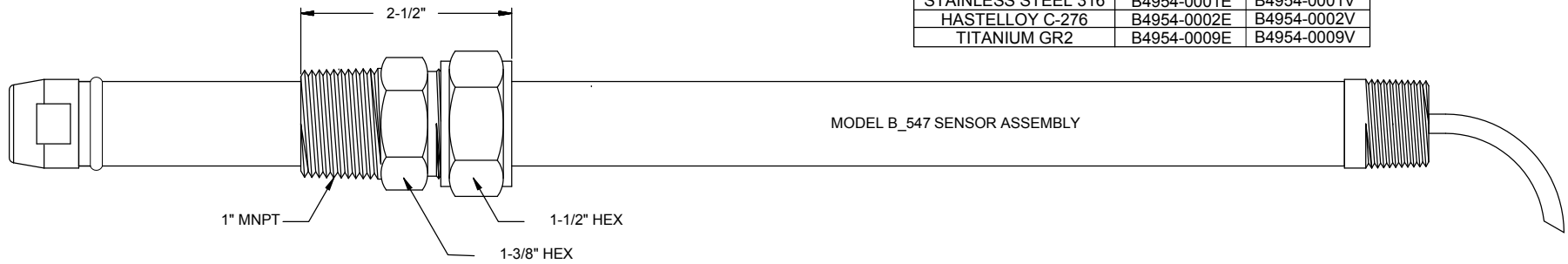


FLEXIBLE TPE JACKETED CABLE  
 LENGTH SPECIFIED  
 BY CUSTOMER

D	10/17/12	UPDATE NOTES & RATINGS	WC	HWM
REV	DATE	DESCRIPTION	DWN	APVD
REVISIONS				
MATERIAL/DESCRIPTION			PART NO.	
<b>547 8" 4 ELECTRODE CONDUCTIVITY SENSOR ASSEMBLY</b>				
DIMENSIONS IN INCHES		PART NO. B_547 FOR 4EL CONDUCTIVITY		
TOLERANCES				
.0 ± .015" .00 ± .010" .000 ± .005"		5200 Convair Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)297-4740		
FRACTIONAL ALL ± .015"		DRAWN BY W. COWAN ECO DRAWING NO		
ANGLES ± 1/4"		APVD BY 1856 2P0079		
UNLESS OTHERWISE SPECIFIED		DATE 08/25/2004	SCALE NONE	SHEET SIZE C SHEET 3 OF 4

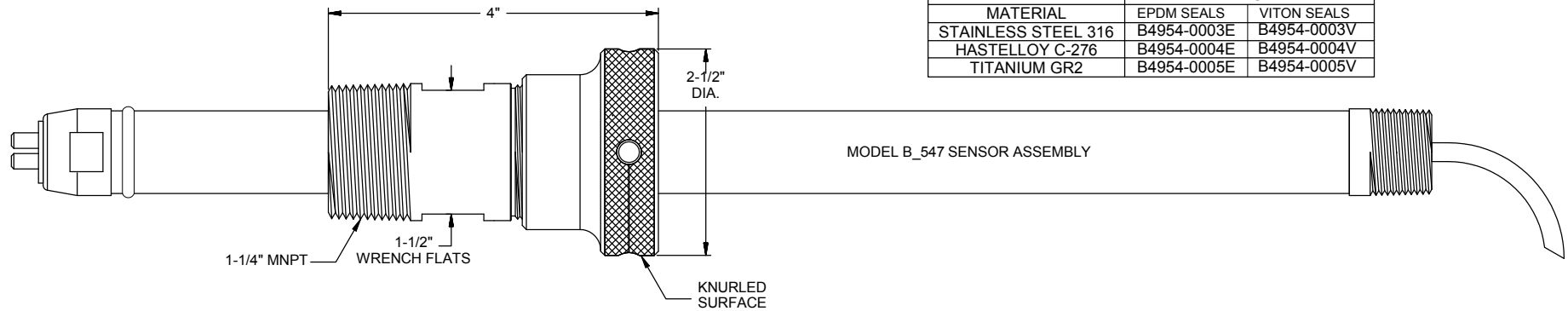
WRENCH-TITE EXAMPLE

WRENCH-TITE FITTINGS		
PART NUMBER		
MATERIAL	EPDM SEALS	VITON SEALS
STAINLESS STEEL 316	B4954-0001E	B4954-0001V
HASTELLOY C-276	B4954-0002E	B4954-0002V
TITANIUM GR2	B4954-0009E	B4954-0009V



HAND-TITE EXAMPLE

HAND-TITE FITTINGS		
PART NUMBER		
MATERIAL	EPDM SEALS	VITON SEALS
STAINLESS STEEL 316	B4954-0003E	B4954-0003V
HASTELLOY C-276	B4954-0004E	B4954-0004V
TITANIUM GR2	B4954-0005E	B4954-0005V



INSERTION / RETRACTION PRESSURE RECOMMENDED 65PSIG  
 - ABSOLUTE MAX 100PSIG  
 OPERATING PRESSURE & TEMPERATURE RATINGS  
 MAXIMUM 150PSIG (1035kPa) at 158DEG F (70DEG C)  
 40PSIG (276kPa) @ MAXIMUM 266DEG F (130DEG C)

D	10/17/12	UPDATE NOTES & RATINGS	WC	HWM
REV	DATE	DESCRIPTION	DWN	APVD

REVISIONS

MATERIAL/DESCRIPTION PART NO.

DIMENSIONS IN INCHES	OPTIONAL FITTINGS FOR 547			
	CONDUCTIVITY SENSOR ASSEMBLY			
TOLERANCES	.0 ± .015"	PART NO. B_547 FOR 4EL CONDUCTIVITY		
	.00 ± .010"	ANALYZER TECHNOLOGY, LLC		
	.000 ± .005"	O'BRIEN		
FRACTIONAL ALL ± .015"	5200 Convair Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)297-4740			
ANGLES ± 1/4°	DRAWN BY	W. COWAN	ECO	DRAWING NO
UNLESS OTHERWISE SPECIFIED	APVD BY	1856	2P0079	SCALE NONE
	DATE	08/25/2004	SIZE C	SHEET 4 OF 4