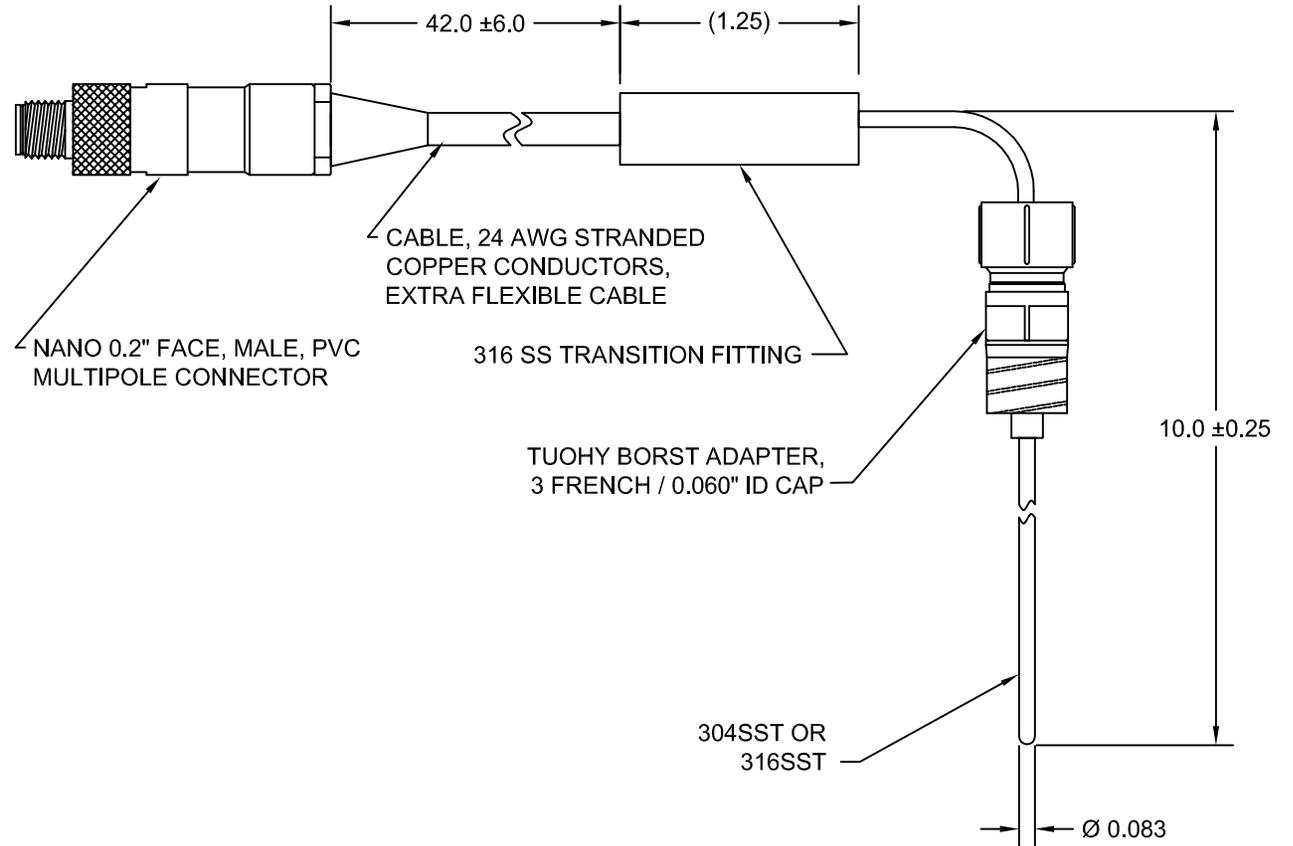


SYM	ECO NUMBER	DATE	APPD
A	ECO 5904	3-16-07	JPZ
B	ECO 5908	3-20-07	JPZ
C	ECO 5912	4-9-07	JPZ
D	ECO 5934	7-5-07	JPZ



NOTES:

1. SENSOR SPECIFICATIONS:

TEMPERATURE RANGE: The entire sensor assembly can be exposed to temperatures from 0 to 50°C.

INTERCHANGEABILITY: Tolerance°C = ±(.13 + .00185 lft)

INSULATION REISTANCE: Will remain greater than 50 megohms @ 100 VDC, 20°C for at least 30 days at 100% humidity.

REPEATABILITY: Less than ±.04% change in ice point resistance after 10 consecutive cycles between 0 and 50°C

LONG TERM STABILITY: Less than ±0.05°C shift after 1000 hours at 50°C

SELF HEATING: 18mW/°C in water moving at 3 fps

2. SENSOR ASSEMBLY INCLUDES CALIBRATION AT 0°C.

-TOLERANCES- UNLESS OTHERWISE SPECIFIED		BURNS ENGINEERING		MOUNTING AND OUTLINE DRAWING BIOREACTOR PRT					
ALL DIMENSION IN INCHES									
FRACTIONS = ±1/16 ONE PLACE .X = ±.050 TWO PLACE .XX = ±.010 THREE PLACE .XXX = ±.005		SCALE	N.T.S.						
ALL ANGLES ARE ± 0°30'		DFTM	JPZ					3-16-07	
SHEATH AND LEAD LENGTHS PER BURNS P/N 17026		CHKD	JPZ	3-16-07					
UNLESS OTHERWISE NOTED: ALL SURFACES 125 ✓ ALL FINISHES IN MICRO INCHES		APPD	JPZ	3-16-07					
DIMENSIONS IN INCHES REF.: 21163		SHEET 1 OF 1		SIZE A	DRAWING NUMBER 21140	REV D			