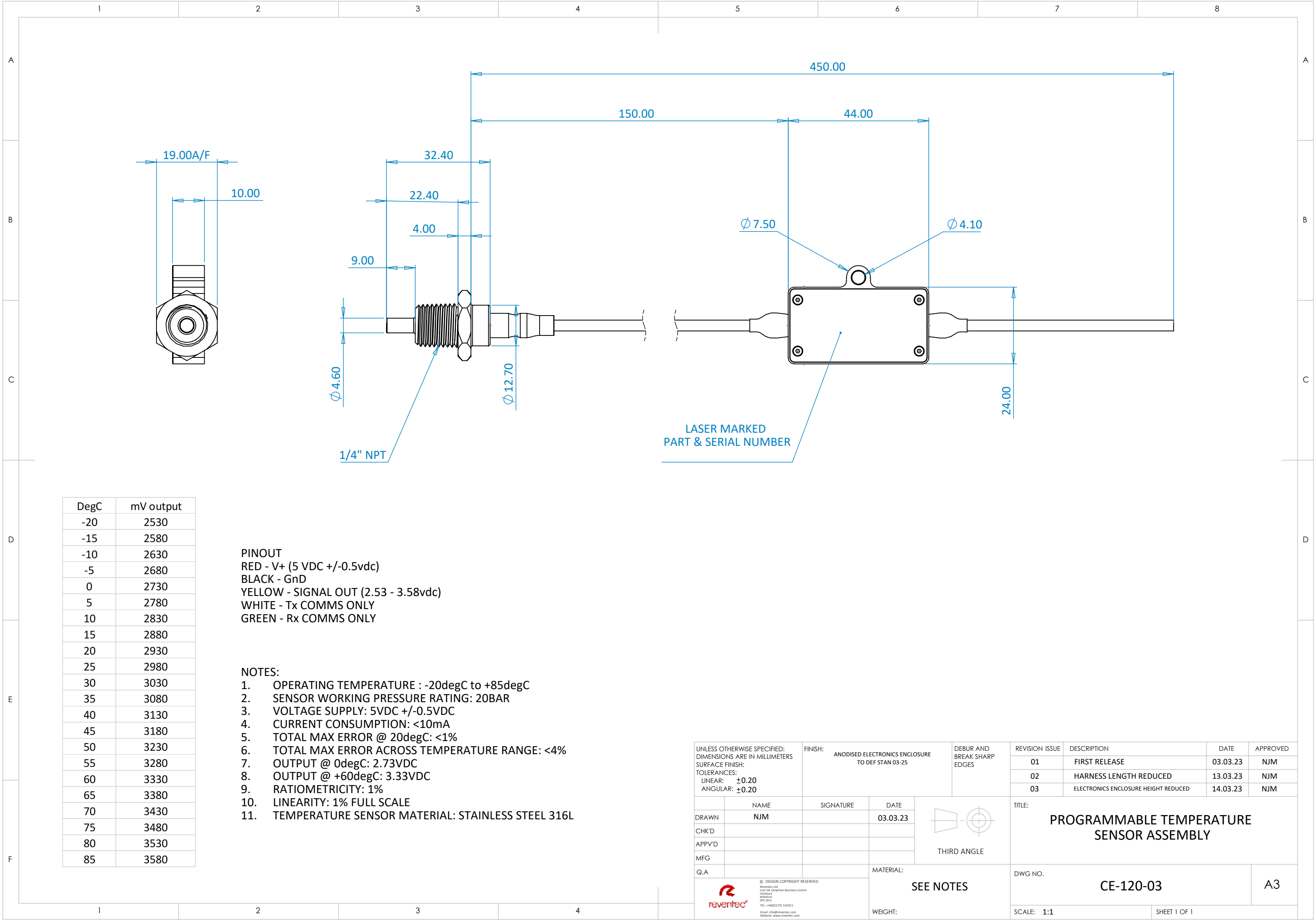




DegC	mV output
-20	2530
-15	2580
-10	2630
-5	2680
0	2730
5	2780
10	2830
15	2880
20	2930
25	2980
30	3030
35	3080
40	3130
45	3180
50	3230
55	3280
60	3330
65	3380
70	3430
75	3480
80	3530
85	3580

PINOUT
RED - V+ (5 VDC +/-0.5vdc)
BLACK - GnD
YELLOW - SIGNAL OUT (2.53 - 3.58vdc)
WHITE - Tx COMMS ONLY
GREEN - Rx COMMS ONLY

- NOTES:
1. OPERATING TEMPERATURE : -20degC to +85degC
 2. SENSOR WORKING PRESSURE RATING: 20BAR
 3. VOLTAGE SUPPLY: 5VDC +/-0.5VDC
 4. CURRENT CONSUMPTION: <10mA
 5. TOTAL MAX ERROR @ 20degC: <1%
 6. TOTAL MAX ERROR ACROSS TEMPERATURE RANGE: <4%
 7. OUTPUT @ 0degC: 2.73VDC
 8. OUTPUT @ +60degC: 3.33VDC
 9. RATIOMETRICITY: 1%
 10. LINEARITY: 1% FULL SCALE
 11. TEMPERATURE SENSOR MATERIAL: STAINLESS STEEL 316L

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ±0.20 ANGULAR: ±0.20		FINISH: ANODISED ELECTRONICS ENCLOSURE TO DEF STAN 03-25		DEBUR AND BREAK SHARP EDGES		REVISION		ISSUE		DESCRIPTION		DATE		APPROVED	
						01		FIRST RELEASE		03.03.23		NJM			
						02		HARNESS LENGTH REDUCED		13.03.23		NJM			
						03		ELECTRONICS ENCLOSURE HEIGHT REDUCED		14.03.23		NJM			
DRAWN		NAME		SIGNATURE		DATE		 THIRD ANGLE		TITLE: PROGRAMMABLE TEMPERATURE SENSOR ASSEMBLY					
CHK'D		NJM		03.03.23											
APPV'D															
MFG															
Q.A															
 © DESIGN COPYRIGHT RESERVED Reventec Ltd Unit 14, Osprey Business Centre Salisbury Wiltshire SP5 2PU TEL: +44(0)1753 530921 Email: info@reventec.com Website: www.reventec.com						MATERIAL:		SEE NOTES							
						WEIGHT:									
												DWG NO.			
						SCALE: 1:1				SHEET 1 OF 1					