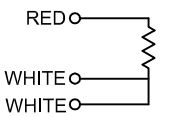
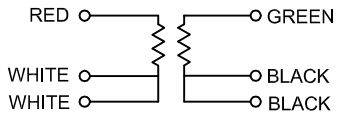
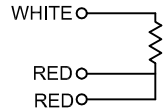
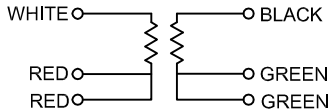
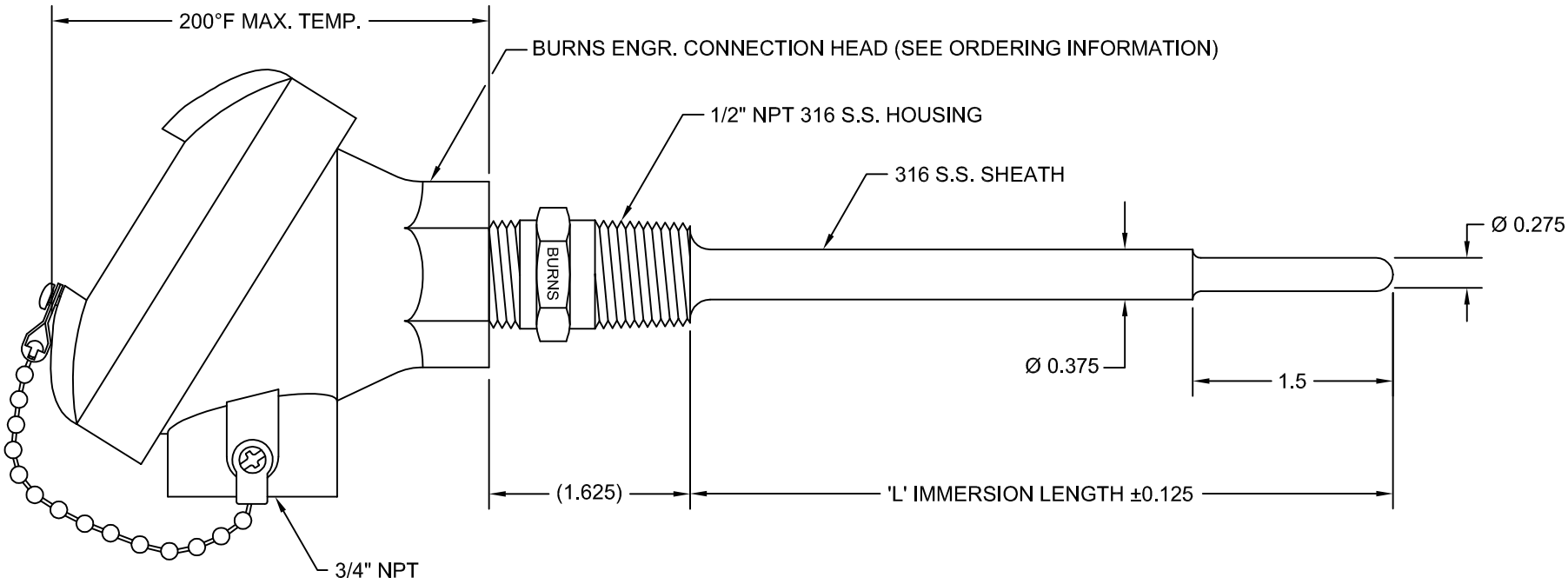
BURNS #1 CURVE TEMP. COEFF. = .003902 PLATINUM, SINGLE	BURNS #1 CURVE TEMP. COEFF. = .003902 PLATINUM, DUAL	DIN STANDARD CURVE TEMP. COEFF. = .00385 PLATINUM, SINGLE	DIN STANDARD CURVE TEMP. COEFF. = .00385 PLATINUM, DUAL
			
-1S OR -1P = 100 OHM -2S OR 2P = 200 OHM -5S OR -5P = 500 OHM	-1SD = 100 OHM (STD. ACCY.) -1PD = 100 OHM (PRECISION ACCY.)	-21S OR -21P = 100 OHM -22S OR 22P = 200 OHM -25S OR -25P = 500 OHM	-21SD = 100 OHM (STD. ACCY.) -21PD = 100 OHM (PRECISION ACCY.)

SYM	ECO NUMBER	DATE	APPD
G	ECO 3633	5-22-96	PDB
H	ECO 4358	3-13-99	BLL
I	ECO 4842	9-11-01	JPZ
J	ECO 5173	8-30-02	JPZ



NOTES:

1. APPLICATION: THE NO. 10632 PLATINUM RESISTANCE THERMOMETER ASSEMBLY IS DESIGNED FOR PIPELINES HAVING HIGH VIBRATION AND HIGH TURBULANCE. THE Ø 0.375 SHEATH ADDS EXTRA STRENGTH WHERE IT IS NEEDED WHILE THE Ø 0.275 SENSITIVE PORTION OF THE SHEATH PROVIDES FASTER RESPONSE THAN A SENSOR AND WELL ASSEMBLY.
2. TEMPERATURE RANGE: -300°F TO 900°F
3. PRESSURE RATING: 3000 PSI STATIC AT 77°F
4. SEE SHEET # 2 FOR ORDERING INFORMATION.

-TOLERANCES-
UNLESS OTHERWISE SPECIFIED

ALL DIMENSION IN INCHES

FRACTIONS = ±1/16
ONE PLACE .X = ±.050
TWO PLACE .XX = ±.010
THREE PLACE.XXX = ±.005

ALL ANGLES ARE ± 0°30'

UNLESS OTHERWISE NOTED:
ALL SURFACES 125
ALL FINISHES IN MICRO INCHES

BURNS ENGINEERING

SCALE	N.T.S.	
DFTM	JES	4-2-73
CHKD	DB	4-9-73
APPD	JDB	4-9-73

DIMENSIONS IN INCHES
REF. 18991

MOUNTING AND OUTLINE DRAWING
PLATINUM RESISTANCE THERMOMETER
TYPE "A" GENERAL PURPOSE
(HEAVY DUTY)

SHEET	SIZE	DRAWING NUMBER	REV
1 OF 2	A	10632-	J

10632	HEAVY DUTY TYPE "A" GENERAL PURPOSE PRT			
	SENSING ELEMENT			
	-1S	100 OHMS ±0.1Ω AT 0°C (STANDARD ACCURACY) .003902 Ω/Ω/°C TEMP. COEFFICIENT		
	-1P	100 OHMS ±0.05Ω AT 0°C (PRECISION ACCURACY) .003902 Ω/Ω/°C TEMP. COEFFICIENT		
	-1SD	100 OHMS, DUAL ±0.1Ω AT 0°C (STANDARD ACCURACY) .003902 Ω/Ω/°C TEMP. COEFFICIENT		
	-1PD	100 OHMS, DUAL ±0.1Ω AT 0°C (PRECISION ACCURACY) .003902 Ω/Ω/°C TEMP. COEFFICIENT		
	-2S	200 OHMS ±0.2Ω AT 0°C (STANDARD ACCURACY) .003902 Ω/Ω/°C TEMP. COEFFICIENT		
	-2P	200 OHMS ±0.1Ω AT 0°C (PRECISION ACCURACY) .003902 Ω/Ω/°C TEMP. COEFFICIENT		
	-5S	500 OHMS ±0.5Ω AT 0°C (STANDARD ACCURACY) .003902 Ω/Ω/°C TEMP. COEFFICIENT		
	-5P	500 OHMS ±0.25Ω AT 0°C (PRECISION ACCURACY) .003902 Ω/Ω/°C TEMP. COEFFICIENT		
	-21S	100 OHMS ±0.1Ω AT 0°C (STANDARD ACCURACY) .00385 Ω/Ω/°C TEMP. COEFFICIENT		
	-21P	100 OHMS ±0.05Ω AT 0°C (PRECISION ACCURACY) .00385 Ω/Ω/°C TEMP. COEFFICIENT		
	-21SD	100 OHMS, DUAL ±0.1Ω AT 0°C (STANDARD ACCURACY) .00385 Ω/Ω/°C TEMP. COEFFICIENT		
	-21PD	100 OHMS, DUAL ±0.05Ω AT 0°C (PRECISION ACCURACY) .00385 Ω/Ω/°C TEMP. COEFFICIENT		
	-22S	200 OHMS ±0.2Ω AT 0°C (STANDARD ACCURACY) .00385 Ω/Ω/°C TEMP. COEFFICIENT		
	-22P	200 OHMS ±0.1Ω AT 0°C (PRECISION ACCURACY) .00385 Ω/Ω/°C TEMP. COEFFICIENT		
	-25S	500 OHMS ±0.5Ω AT 0°C (STANDARD ACCURACY) .00385 Ω/Ω/°C TEMP. COEFFICIENT		
	-25P	500 OHMS ±0.25Ω AT 0°C (PRECISION ACCURACY) .00385 Ω/Ω/°C TEMP. COEFFICIENT		
		CONNECTION HEAD		
		-1	BURNS ENG. #1 CAST IRON CONNECTION HEAD	
		-2	BURNS ENG. #2 ALUMINUM HEAD	
		-2E	BURNS ENG. #2 ALUMINUM HEAD, EPOXY COATED	
		-3	BURNS ENG. #3 ALUMINUM CONNECTION HEAD WITH WATERPROOFING KIT, EXPLOSION PROOF, NEMA 4X	
		-5	BURNS ENG. #5 ALUMINUM CONNECTION HEAD, EXPLOSION PROOF, NEMA 4X	
		-5E	BURNS ENG. #5E EPOXY COATED - ALUMINUM CONNECTION HEAD, EXPLOSION PROOF, NEMA 4X	
		-9	BURNS ENG. #9 POLYPROPYLENE CONNECTION HEAD	
		-14	BURNS ENG. #14 316 S.S. CONNECTION HEAD	
		-0	NO CONNECTION HEAD (PRT ONLY)	
			"L" IMMERSION LENGTH	
			-4	4.00 INCH IMMERSION LENGTH
			-L	SPECIFY "L" IMMERSION LENGTH IN INCHES (LONGER LENGTHS MAY REDUCE VIBRATION REISISTANCE)
10632	-21S	-9	-4	TYPICAL PART NUMBER