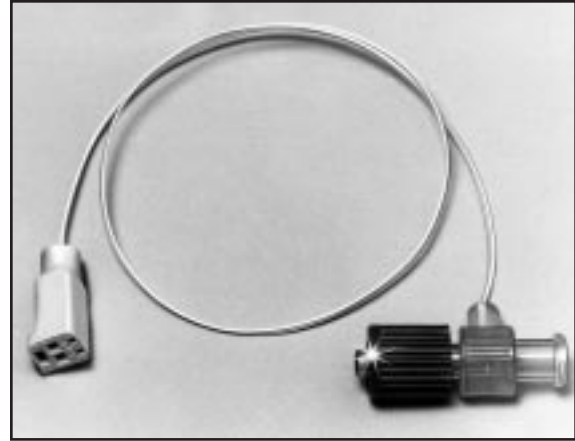




NTC THERMISTORS: TYPE A954

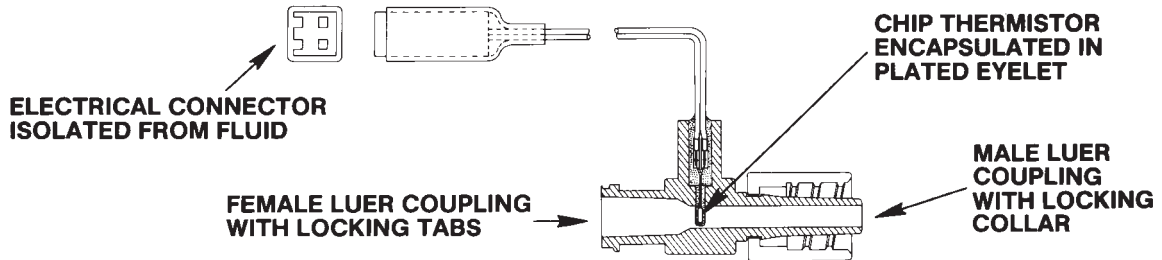
DESCRIPTION:

The Type A954 Disposable "T" Fluid Temperature Sensor has standard male and female luer couplings with locking tabs and collar allow for quick and easy installation. A convenient electrical connector is provided with 12" of 30GA PVC insulated, bifilar cable. A plated eyelet is used to isolate the thermistor and provide a sealed, non-contaminating medium between the stream and "T" portions of the luer.



APPLICATIONS:

The "T" fluid temperature sensor is based on the most advanced chip thermistor technology to provide rapid, accurate and repeatable temperature measurements in moving or static streams without contaminating the flow. With $\pm 0.25^{\circ}\text{C}$ tolerance between 0°C and 50°C you are assured complete unit to unit Interchangeability. Compact yet versatile, with a package size of 1.17" (29.7 mm) long x .85" (21.6 mm) high, these units are ideally suited for test situations in the laboratory, disposable medical applications, and many industrial products.



RESISTANCE VS. TEMPERATURE CHARACTERISTICS

Degrees C.	Resistance in Ohms	Degrees C.	Resistance in Ohms	Degrees C.	Resistance in Ohms	Degrees C.	Resistance in Ohms
0.00	256949.0	12.50	146790.8	25.00	87057.0	37.50	53434.9
0.50	251068.1	13.00	143654.8	25.50	85319.2	38.00	52437.1
1.00	245337.6	13.50	140594.2	26.00	83620.7	38.50	51460.5
1.50	239753.5	14.00	137606.9	26.50	81960.4	39.00	50504.5
2.00	234311.5	14.50	134691.2	27.00	80337.5	39.50	49568.8
2.50	229007.8	15.00	131844.9	27.50	78750.9	40.00	48652.9
3.00	223838.4	15.50	129066.5	28.00	77199.9	40.50	47756.2
3.50	218799.7	16.00	126353.9	28.50	75683.5	41.00	46878.4
4.00	213888.0	16.50	123705.7	29.00	74200.9	41.50	46018.9
4.50	209099.9	17.00	121119.9	29.50	72751.2	42.00	45177.5
5.00	204431.8	17.50	118595.2	30.00	71333.6	42.50	44353.6
5.50	199880.5	18.00	116129.8	30.50	69947.4	43.00	43546.8
6.00	195442.8	18.50	113722.2	31.00	68591.7	43.50	42756.8
6.50	191115.6	19.00	111370.8	31.50	67265.8	44.00	41983.1
7.00	186895.8	19.50	109074.4	32.00	65969.0	44.50	41225.5
7.50	182780.6	20.00	106831.4	32.50	64700.6	45.00	40483.4
8.00	178767.0	20.50	104640.5	33.00	63459.9	45.50	39756.6
8.50	174852.4	21.00	102500.3	33.50	62246.3	46.00	39044.7
9.00	171034.0	21.50	100409.5	34.00	61058.9	46.50	38347.4
9.50	167309.3	22.00	98366.9	34.50	59897.4	47.00	37664.3
10.00	163675.6	22.50	96371.3	35.00	58760.9	47.50	36995.1
10.50	160130.6	23.00	94421.5	35.50	57649.0	48.00	36339.5
11.00	156671.9	23.50	92516.2	36.00	56561.0	48.50	35697.2
11.50	153297.2	24.00	90654.5	36.50	55496.4	49.00	35067.8
12.00	150004.2	24.50	88835.1	37.00	54454.5	49.50	34451.2
						50.00	33847.0

Interchangeability $\pm .25^{\circ}\text{C}$ from 0°C to 50°C

Time Constant - .2 Seconds in Liquid.

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