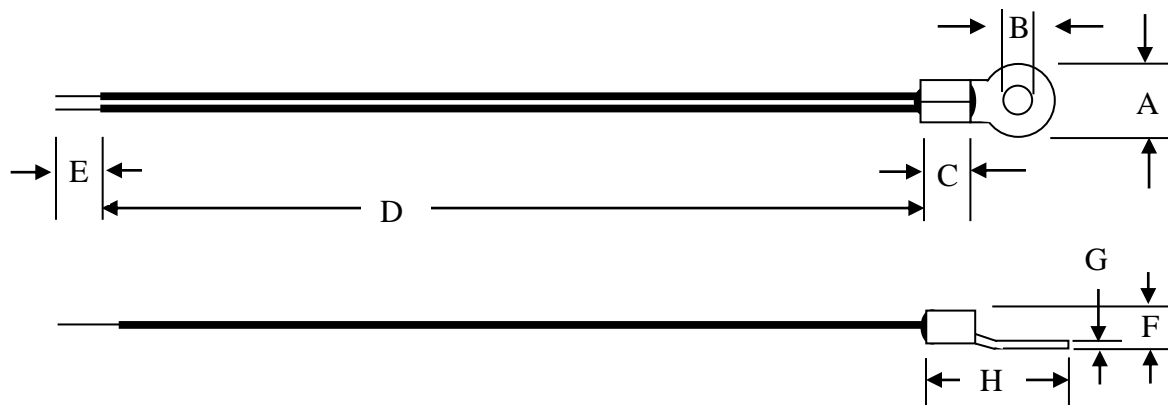




## Part Number: PANR 103350-430



### Electrical Specifications

Resistance @ 25° C	10 kΩ ±5%
Temperature Coefficient of Resistance	-3.90% / °C
Operating Temperature Range	-40 °C to 150 °C
Dissipation Constant	3 mW / °C
Thermal Time Constant	20 seconds
Beta (25/85)	3435 °K ± 2 %
Dielectric Withstand Voltage	2000 VAC
UL Rated Dielectric Withstand Voltage	1000 VAC
ROHS Compliant	Yes
MSL (moisture sensitivity level)	1

### Mechanical Specifications


A	13.5 mm ±0.2mm
B	6.7 mm ±0.2mm
C	6.5 mm ±0.2mm
D	275.0 mm ± 10.0mm
E	6.0 mm ± 0.5mm
F	5.5 mm ± 0.5mm
G	1.0 mm ± 0.1mm
H	25.6 mm ± 0.5mm
Lead Wire Gauge	24 AWG XLPE UL 4413 Tinned leads
Ring Lug	¼" Stud

Rev:	Date:	Change:
0	7/28/16	Issue
1	6/19/17	Increased Dimension D from 150mm to 275mm

DRAWN BY: C. Terry		 <b>AMETHEM</b> <i>Circuit Protection Thermistors</i>
DATE: 7/28/16	REV: 1	
ORIG. C. Terry	APPR: M. Samii	NTC THERMISTOR PROBE
SHEET 1 of 2		PANR 103350-430

### RESISTANCE VS TEMPERATURE CURVE

Temperature (°C)	Rmin (KΩ)	Rnom (KΩ)	Rmax (KΩ)	Temperature (°C)	Rmin (KΩ)	Rnom (KΩ)	Rmax (KΩ)
-40	183.2925	204.9530	228.6002	60	2.7925	3.0109	3.2383
-35	138.4742	153.9548	170.7381	65	2.3863	2.5809	2.7844
-30	105.9272	117.1270	129.1872	70	2.0482	2.2218	2.4041
-25	81.9084	90.0946	98.8512	75	1.7652	1.9204	2.0841
-20	63.9400	69.9758	76.3899	80	1.5273	1.6664	1.8136
-15	50.3403	54.8241	59.5580	85	1.3265	1.4513	1.5838
-10	39.9424	43.2952	46.8121	90	1.1562	1.2684	1.3880
-5	31.9215	34.4431	37.0709	95	1.0112	1.1122	1.2202
0	25.6848	27.5910	29.5646	100	0.8871	0.9782	1.0760
5	20.8002	22.2479	23.7369	105	0.7805	0.8628	0.9514
10	16.9490	18.0531	19.1810	110	0.6886	0.7631	0.8436
15	13.8939	14.7391	15.5966	115	0.6091	0.6766	0.7497
20	11.4561	12.1052	12.7591	120	0.5399	0.6012	0.6678
25	9.5000	10.0000	10.5000	125	0.4797	0.5354	0.5961
30	7.8768	8.3219	8.7702	130	0.4270	0.4777	0.5330
35	6.5549	6.9503	7.3511	135	0.3809	0.4270	0.4775
40	5.4773	5.8282	6.1860	140	0.3402	0.3823	0.4285
45	4.5969	4.9082	5.2275	145	0.3044	0.3428	0.3851
50	3.8755	4.1518	4.4367	150	0.2727	0.3078	0.3465
55	3.2822	3.5277	3.7821				

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SHEET 2 of 2		PANR 103350-430