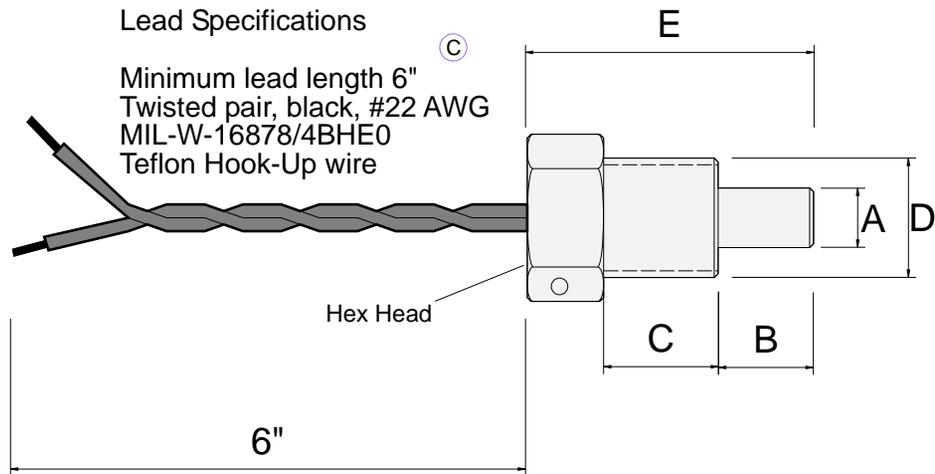


MATERIAL:

1BX Temp. Probes

Weight 2 oz.



Thermistor Specifications

Type: NTC (RL0503-2890-95-MS)

Material: D9.5

Operating Temperature Range: -50C to 150C

Accuracy: +/- 1C @ 25C

Resistance: 5K ohms @ 25C

Type	A Tip Diam.	B Tip length	C Thread length	D (Thread)	E overall length	Hex Head
1B1	0.27	0.305	0.38	1/8" NPT	0.93	1/2"
1B1-A	0.15	0.51	0.36	1/8" NPT	1.12	1/2"
1B1-S	0.27	1.00	0.38	1/8" NPT	1.63	1/2"
1B2	0.30	0.51	0.40	3/8-24-3A	1.26	5/8"
1B3	0.31	0.50	0.60	5/8-18-3A	1.50	7/8"
1B3A	0.31	0.80	0.30	5/8-18-3A	1.50	7/8"
1B3-2.5	0.31	1.92	0.40	5/8-18-3A	2.67	7/8"
1B4	0.27	0.40	0.47	M10 - 1.5	1.12	1/2"
1B5	0.30	0.51	0.40	3/8-24-3A	1.26	5/8"
1B6	0.29	1.78	0.50	M16 - 1.5	2.67	7/8"
1B7	0.30	0.51	0.40	M12 - 1.5	1.26	5/8"
1B8	0.125	0.25	0.25	1/4-20-3A	0.85	3/8"
1B8-S	0.125	0.50	0.25	1/4-20-3A	1.35	3/8"
1B9	0.25*	.515*	0.385	7/16-20	1.30	7/8"
1B10	0.125	0.25	0.25	1/4-28	0.85	3/8"
1B10-S	0.125	0.50	0.25	1/4-28	1.35	3/8"
1B11	0.31	0.50	0.60	1/4-18 NPT	1.50	7/8"
1B12	0.19	1.0	0.5	5/16-24	1.75	1/2"
1B13	0.3	0.515	0.4	1/8-27 NPT	1.26	1/2"
1B14	0.31	5/16" 0.3125	0.6	1/4-18 NPT	1.50	7/8"
1B15	0.31	0.80	0.3	1/2-20 AN	1.50	7/8"
1B16	0.15	0.50	0.25	M6 x 1pitch	1.00	1/2"

Notes: For RTD thermistor probe, add "-R" to the end of P/N!

* 1B9 Diam is stepped 0.25" to .365 deep, then .355 to .515 deep

Use MS 35769-6 crushwasher with 1B2

Use MS 35769-11 crushwasher with 1B3

Use thread-locker / sealent on 1B1, 1B4, 1B6, 1B7, 1B8, 1B10, 1B11

Specification Drawing

G	Added FEW probes (to16)	ShM	12/05/2012	TOLERANCES EXCEPT AS NOTED	UMA Inc, 260 Main St. Dayton, VA 22821					
F	Added 1B1-A probe	ShM	04/22/2010		SCALE	N/A	DATE:	11/19/03	SHEET	1 of 1
E	Added 1B8-S & 1B10-S probes	ShM	03/10/2010		SUPPLIER COMPLETE	<input type="checkbox"/>	DRAW BY	BKD		
D	Added 1B10,1B11,1B12,1B13	EC	5/06		DESCRIPTION					
05-0036	#22 AWG was #18 AWG	RCB	10/6/05		1BX Thermistor Probe Specification					
04-0014	Change wire to 18AWG Black	BKD	3/31/04	.XX	APP	PART#	1BX	REV	G	
04-0014	Add Hex Head Information	BKD	4/26/04	.XXX						
ECO	REV	DESCRIPTION	DR	DATE	APP					