

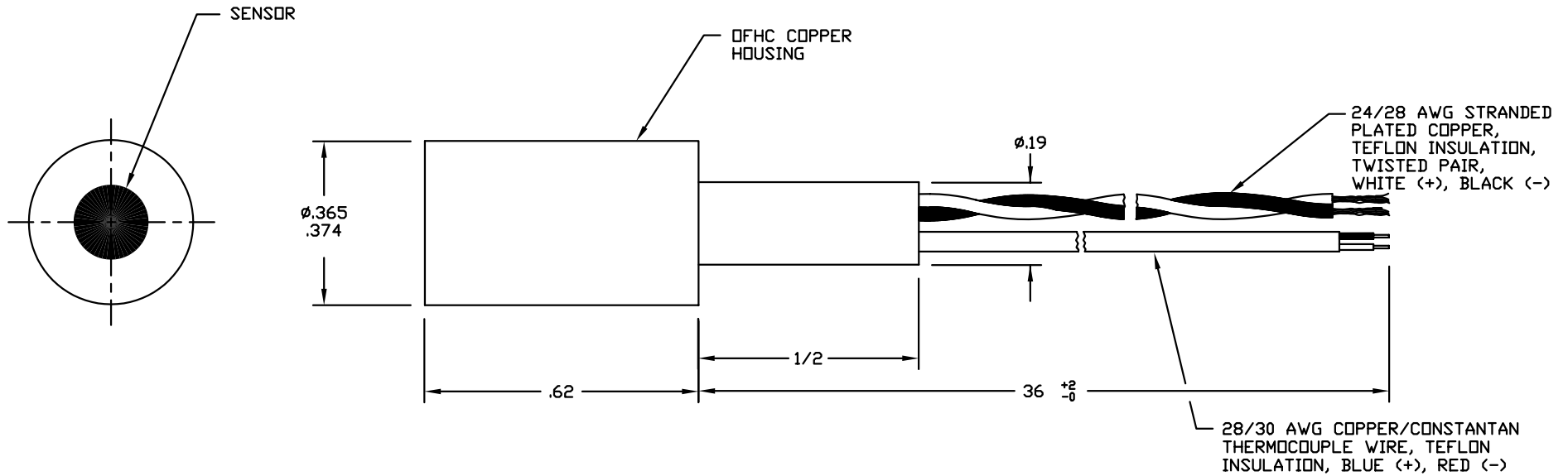


有限会社テクノオフィス

〒225-0011

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NOTES:

1. P/N: 24-XX-14-21052T is an uncooled total heat flux transducer which provides a linear EMF output directly proportional to the net absorbed heat transfer rate to the $\phi 3/8$ sensing tip. The standard output is 10 millivolts at the design heat flux level "XX" in Btu/ft²sec. Each unit is supplied with an individual calibration traceable to the National Institute of Standards and Technology.
2. Standard ranges: 0.2, 0.5, 1, 2, 5, 10, 15, 20, 25, 30, 40, 50, 100, 150, 200, 250, 300, 500, 1000 Btu/ft²sec
3. Standard sensor is the MEDTHERM Schmidt-Boelter thermopile for design heat flux range up to 10 Btu/ft²sec and Gardon gage at 15 Btu/ft²sec and above. Sensor coated with optical black. The Schmidt-Boelter thermopile sensor may be specified as an option for heat flux levels up to 100 Btu/ft²sec by using -"XX"SB- to specify heat flux range.
4. Lead wire is 24/28 AWG stranded copper with Teflon insulation, twisted pair, white wire positive, black wire negative.
5. A Type T copper/constantan body thermocouple is included.
6. The maximum transducer body temperature is 400°F.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			HEAT FLUX TRANSDUCER		MEDTHERM CORPORATION	
FRACTIONS ± 1/32	DECIMALS 2PL ± .01 3PL ± .005	ANGLES ± 1°	P/N: 24-XX-14-21052T		POST OFFICE BOX 412 HUNTSVILLE, ALABAMA 35804	
MATERIAL NOTED			SCALE:	DES.	DWG SIZE	REV
FINISH			ORIG. DWG 3 / 18/ 71	CHK.	B	21052
			CAD DWG 11 / 12/ 07	APP. <i>DLJ</i>	SHEET OF	
			DR. GMG			