

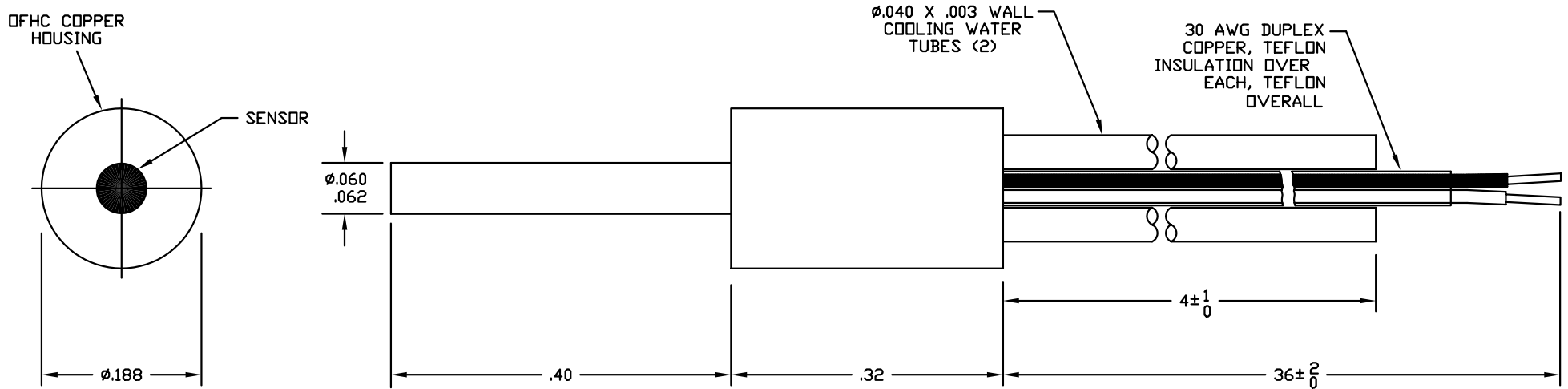


有限会社テクノオフィス

〒225-0011

神奈川県横浜市青葉区あざみ野3-20-8

TEL.045-901-9861 FAX.045-901-9522



NOTES:

1. P/N: 4-XX-18-21079 is a water cooled total heat flux transducer which provides a linear EMF output directly proportional to the net absorbed heat transfer rate to the  $\phi 1/16$  sensing tip. The standard output is 10 millivolts at the design heat flux level "XX" in Btu/ft<sup>2</sup>sec. Each unit is supplied with an individual calibration traceable to the National Institute of Standards and Technology.

2. Standard ranges: 15, 20, 25, 30, 40, 50, 100, 150, 200, 250, 300, 500, 1000 Btu/ft<sup>2</sup>sec

3. Standard sensor is Schmidt-Boelter thermopile for design heat flux range up to 100 Btu/ft<sup>2</sup>sec and Gardon gage at 150 Btu/ft<sup>2</sup>sec and above. Sensor coated with optical black.

4. Lead wire is 30 AWG duplex copper with Teflon insulation over each wire, Teflon jacket overall. (White wire positive, Black wire negative)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			HEAT FLUX TRANSDUCER		MEDTHERM CORPORATION	
FRACTIONS	DECIMALS	ANGLES	P/N: 4-XX-18-21079		POST OFFICE BOX 412 HUNTSVILLE, ALABAMA 35804	
$\pm 1/32$	2PL $\pm .02$ 3PL $\pm .010$	$\pm 1^\circ$				
MATERIAL			SCALE:	DES.	DWG SIZE	REV
NOTED			ORIG. DWG 4/18/86	CHK.	B 21079	
FINISH			CAD DWG 11/31/92	APP. <i>DR</i>		
			DR. <i>GM</i>			