varmo_HFS27x27 specifications	
Sensor type	Thermoelectric (thermopiles)
Substrate	Anodized aluminum
Sensor thickness (µm)	150
Total dimension (w x b) (mm x mm)	31 x 31
Sensing dimension (w x b) (mm x mm)	27 x 27
Number of thermocouples (-)	83
Sensor resistance (Ω)	800 – 900
Thermal conductivity (W/m*K)	0.253
Sensitivity S (µV/W/m²) at 25 °C	1.094
Noise equivalent power NEP (W/(m²*sqrt(Hz))	2.71828e-09
Detectivity D ((m³*sqrt(Hz))/W)	9.9327
Maximum operating temperature (°C)	150
Response time (s)	< 0.5

Dr. Martin Gutfleisch
Co-founder & COO
Functional Printing & Business Development

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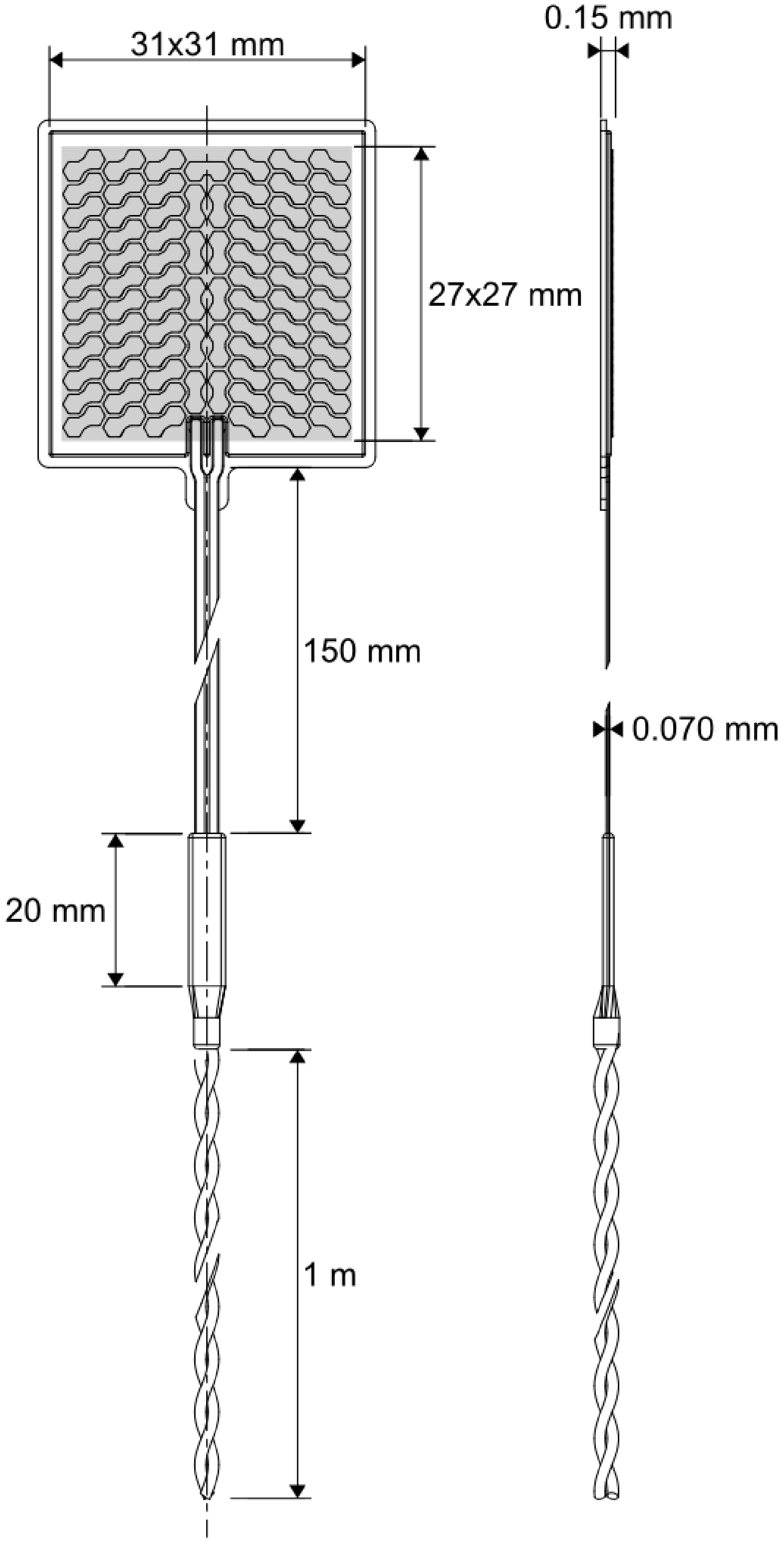

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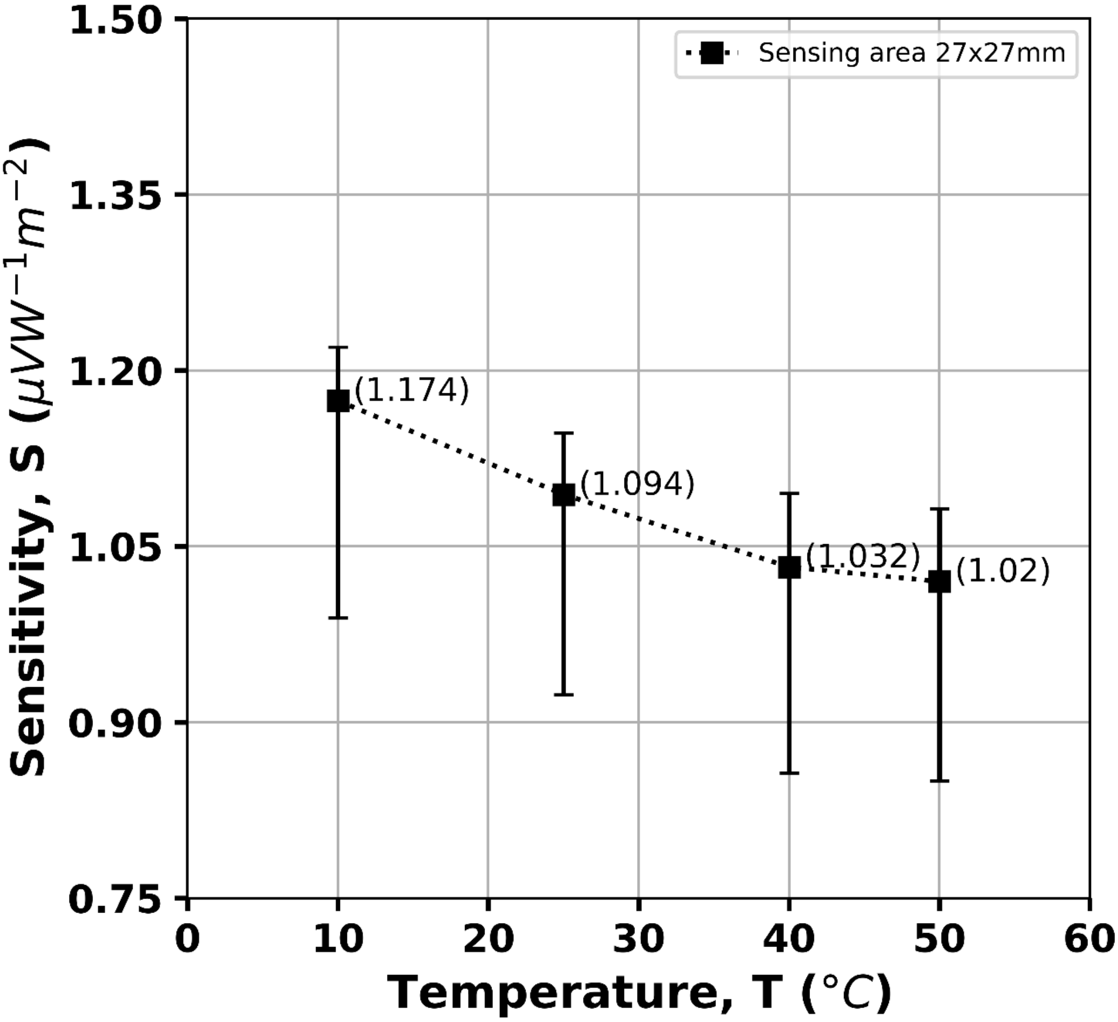

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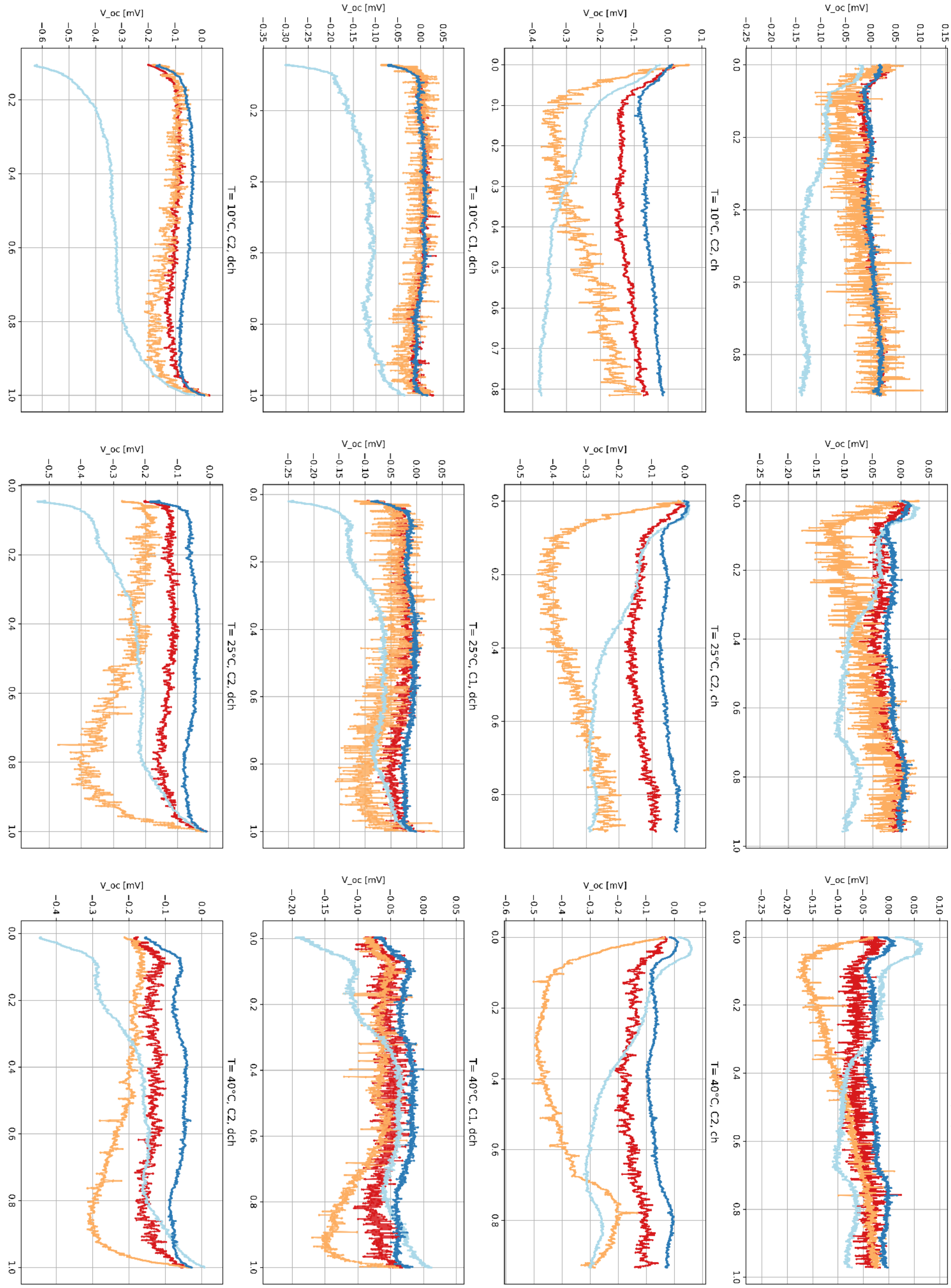

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