

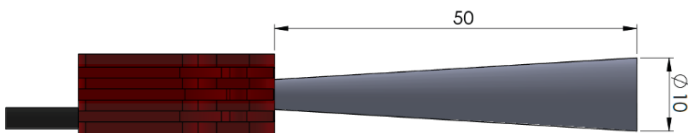


INFT-1000-V2

Infrared Temperature Sensor 1000° range

Measurement features		
Range	1000	°C
Accuracy ⁽¹⁾	±1	%FS
Sensitivity at +Full-scale	15	mV/°C
Response time	50	ms
Sensitive Element	Thermopile with silicon lens	
Wave Length	8 to 14	µm
Measurement distance	30 to 100	mm
Field of view (90% radiation)	5:1 at 50mm	
Calibrator Reference	Land P1200P	
Calibrator Emissivity	99%	
Electrical features		
Supply Voltage	5.5 to 16	V
Supply Current	1.5	mA
Protection	Reverse voltage and short circuit protection	
Output signal	0-5	V
Mechanical features		
Dimensions	27 x 17 x 11	mm
Material	Aluminum	
Weight (without cable)	9.5	g
Environment		
Protection	IP64	
Vibration test	20Gpp 5'	
Shock	500	G
Operating Temp	-20 to +150	°C
Storage Temp	-40 to +150	°C

(1) The accuracy is only guaranteed if sensor ambient temperature is within 0°C to 100°C and target temperature ≥300°C



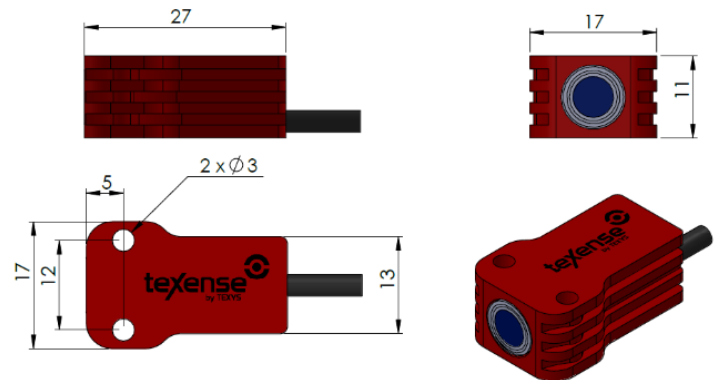
Ordering information

Ordering ref:

INFT-1000-V2: straight cable output (standard)
INFT-RA-1000-V2: right angle cable output

Mechanical drawing

Standard cable output



Right angle cable output

