



A: The Garden House, Cold Aston, Cheltenham, GL54 3BJ  
 T: +44 (0) 1451 822458  
 E: Ben.Morris@m-techautomotive.co.uk  
 W: www.m-techautomotive.co.uk

Authorised Dealer for:



## INFRARED TEMPERATURE SENSOR – BLOCK TYPE

The Texys range of Block (or Rectangular) Infrared Temperature sensors covers a number of temperatures from 150°C to 1200°C.

The housing is manufactured from aluminium and is supplied as standard anodised red, though black is available on request.

Other non-standard options include a 200°C linear type and an adjustable version.



Part Number	INFB-150	INFB-1000	INFB-1200
Range	150°C	1000°C	1200°C
Sensitivity	Non Linear	Non Linear	Non Linear
Min Measurable Temp	Ambient – 40°C	Ambient	Ambient
Error	+/- 1%	+/- 1%	+/- 1%
Measurement Distance	30mm to 70mm	30mm to 70mm	30mm to 70mm
Field of View	14°	14°	14°
Spot Size	∅20mm at 50mm distance	∅20mm at 50mm distance	∅20mm at 50mm distance
Max. Ambient Temperature	120°C	120°C	120°C
Supply Voltage	5 to 16VDC	5 to 16VDC	5 to 16VDC
Output	0 to 5V	0 to 5V	0 to 5V
Standard Supplied Cable	One metre of PTFE 26awg three-core screened cable.*	One metre of PTFE 26awg three-core screened cable.*	One metre of PTFE 26awg three-core screened cable.*
Circuit Colours	Red = +VE, White = SIG, Blue = GND	Red = +VE, White = SIG, Blue = GND	Red = +VE, White = SIG, Blue = GND
Screen Connection	To Sensor Case	To Sensor Case	To Sensor Case
Mechanical Characteristics	Aluminium Housing	Aluminium Housing	Aluminium Housing
Material			
Weight (excluding cable)	15g	15g	15g

