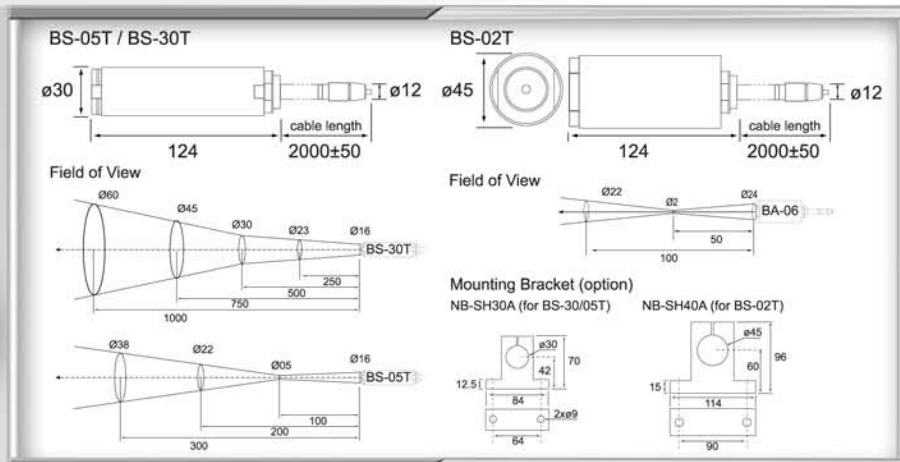


BS SERIES



Sensor Head			
Model	BS-02T	BS-05T	BS-30T
Field of View	ø2/50mm	ø5/100mm	ø30/500mm
Optics	Silicon Lens		
Sensing Element	Thermopile/8 to 14μm		
Sighting Method	Coaxial laser marker (Class 2)	NA	
Ambient Temperature	0 - 55°C	0 to 65°C (0 to 150° with optional cooling jacket)	
Ambient Humidity	35 to 85% RH (without dew condensation)		
Storage Temperature	-20 - 60°C	-20 - 70°C	
Vibration Resistance	3G (20 - 50Hz, in accordance with JIS C0911)		
Water Resistance	IP67		
Weight	400g	300g	
Amplifier			
Model	BS-A	BS-V	
Measuring Range	0 - 500°C		
Display Range	-20 - 520°C		
Response Time	500msec/90%		
Accuracy (ε 1.0)	± 1% of reading value or ± 2°C ± 1 digit, whichever is greater		
Repeatability	± 1°C of reading value		
Display Resolution	1°C		
Analog Output	1mV/°C	4-20mA	
Output Resolution	0.2°C		
Emissivity Ratio (ε) Adjustment	0.10 - 1.20 (0.01/ 1 step)		
Delay Setting	1 (0.5sec.) - 200 (approx. 10 sec.)		
Power Supply/ Current Consumption	12 - 24 VDC ± 10%, 100mA max.		
Ambient Temperature	0 - 50°C		
Ambient Humidity	35 - 85% RH (without dew condensation)		
Storage Temperature	-10 - 60°C		
Vibration Resistance	3G (20 - 50Hz, according to JIS C0911)		
Water Resistance	IP65		
Weight	320g		