

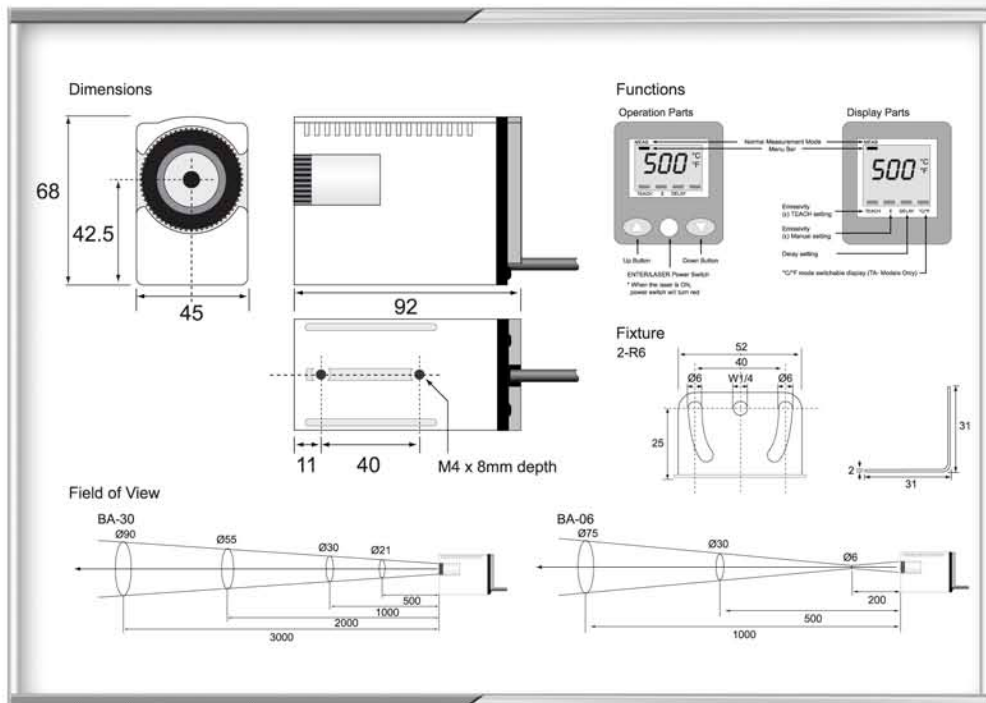
BA SERIES


BA-AP1
AIR PURGE COLLAR (OPTION)


Air purge collar is used to keep dust, moisture, airborne particles and vapors away from the lens.

SPECIFICATIONS

Air Pressure: Max. 0.2MPa(2kgf/cm²)
 Air Flow: 50 to 150N/min
 Ambient Temp.: 0 to 50°C
 Conduit Aperture: G(PF)1/8
 Weight: approx. 90g
 Material: Aluminum



Model	BA-06TA		BA-06TC		BA-06TV		BA-30TA		BA-30TC		BA-30TV	
Measuring Range	0 - 500°C											
Display Range	-20 - 520°C											
Field of View	ø6mm/200mm						ø30mm/1000mm					
Optics	Silicon Lens											
Sensing Element	Thermopile / 8~14μm											
Response Time	500ms/90%											
Accuracy	± 1% of reading value or ± 2°C ± 1 digit, whichever is greater (ε≈1.0)											
Repeatability	± 1°C of reading value											
Display Resolution	1°C											
Analog/Relay Output	4-20mA	350mA-DC 100V Max.		1mV/°C		4-20mA		350mA-DC 100V Max.		1mV/°C		
Output Rewal/Resolution	0.2°C	50msec.		0.2°C		0.2°C		50msec.		0.2°C		
Sighting Method	Coaxial laser marker (Class 2)											
Emissivity Ratio (ε) Adjustment	0.10 - 1.20 (0.01/ 1 step)											
Delay Function	1 (0.5sec.) - 200 (approx. 10 sec.)											
Power Supply/ Current Consumption	12 - 24 VDC ± 10%, 150mA 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											
Materials	Ring case: glass-containing PBT, Rear cover: PC											
Weight	350g	360g		350g		350g		360g		350g		



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