



Electrical data	Rated voltage	AC/DC 24V AC 220V
	Rated current	1A
	Connection	Terminal strip
Functional data	Operating temperature thermal trips	Tf: duct temperature 70°C
	Manual reset	Manual reset button
Safety	Protection class	Grounded enclosure
	Degree of protection	IP44
Dimensions / weight	Testing note	BAE70 AP is an IP44 electronic temperature sensor, it is not recommended to repeat the test for the same sample in a water bath
	Ambient temperature range	-30...+50°C
	Storage temperature	-40...+50°C
	Maintenance	Maintenance-free
	Dimensions (L x M x H)	See “Dimensions”
	Weight	Approx. 0.4kg

Technical drawings of the sensor unit showing dimensions and components.

Dimensions:

- Top view: 75 x 75 mm housing, 60 mm mounting hole, 30 mm cable connector offset.
- Side view: 36 mm mounting hole, 38 mm total height, 23 mm base width.
- Front view: 32.5 mm base width, PG11 ports.
- Drill template: 40 mm diameter circle, 20 mm spacing between holes, 3.2 mm hole diameter.

Components:

- Manual reset button
- Cable connector
- Sensor