



PRODUCT SHEET
Vaisala HMP 45 A
Combined temperature and humidity sensor

Vaisala combined analogue temperature and humidity is compatible with EIT data loggers and telemetry devices. The sensor can be supplied with Binder plug for quick connection to the EIT range of data recorders or tinned wires for connection to telemetry devices.

The sensor is designed for general environmental monitoring and is supplied standard to measure the range -10°C to 60°C and humidity range 0 – 100 % RH.



Product code	EIT HMP 45 A
Sensor range	TV = -10°C to 60°C
Temperature sensing element	Pt 100 IEC 751 1/3 Class B
Accuracy	Temperature sensor +/- 0.25°C
Humidity sensing element	Vaisala Humitter 50 U
Accuracy	+/- 5 % in the range 10 – 90 % RH
Sensor settling time	500 ms
Power requirements	12 Volts nominal
Power consumption	<4mA
Cable length	1.2 meters (other lengths on request)
Applications	general temperature monitoring in air

Environment Information Technology (EIT)

1/19 Kays Lane
Alstonville
Australia. 2477

telephone
email
Web

within Australia 02 66 283400
info@eitechnology.com.au
www.eitechnology.com.au

International + 612 66 283400