

# HUMIDITY

## Hand-held psychrometer type FNA846



- ▶ Operating range 0 to +60 °C / 10 to 100 % r.H.
- ▶ Available values :  
Dry temperature, relative humidity, dew point, mixture ratio, humid temperature, partial vapour pressure.



On these ALMEMO® devices the current atmospheric pressure can be entered or measured using an ALMEMO® pressure measuring connector; the measured humidity value is then adjusted automatically to produce highly precise results.

### Accessories:

- |  |                     |
|--|---------------------|
| ALMEMO® Measuring connector for 700 to 1050 mbar barometric pressure, including programming for automatic atmospheric pressure compensation (designation : *P) (technical data see page 11.11) | Order no. FDA612SAP |
| Extension pipe, 200 mm long  | Order no. ZB9846VR  |
| Plastic suction hose, 300 mm long  | Order no. ZB9846PS  |
| Tripod   | Order no. ZB9846AF  |
| Spare wicks (2 pieces)   | Order no. ZB9846ED  |

### Technical Data:

#### Humidity

Measuring range:	10 to 100% r.H.
Measuring type:	psychrometric
Accuracy:	±1% r.H. under nominal conditions
Reproducibility:	< 1% r.H.
Nominal conditions:	25°C ±3°C , 1013 mbar, 50% r.H.

#### Temperature

Sensor:	2 x NTC type N
Accuracy:	0 to 60°C: ±0.1K

#### Electrical supply

Operating voltage:	9 V DC via ALMEMO® device
Current consumption :	approx: 10 mA

#### Mechanical construction

Housing:	plastic
Dimensions:	Ø 50 mm, 245 mm long
Weight:	approx. 300 g
Cable :	1.5 m long with ALMEMO® connector

### Types:

- Hand-held psychrometer, including water bottle, two wicks
- As above with turn-off motor for WBGT measurement

**Order No. FNA846**  
**Order No. FNA846WB**