

# HUMIDITY

## Hand-held psychrometer FNA 846



- ▶ 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:

**New** ALMEMO® pressure measuring connector for barometric pressure 700 to 1100 mbar, without pressure terminal sleeve (variant with pressure terminal sleeve, see page 11.12) including programming for automatic atmospheric pressure compensation (Designation \*P) Technical data see page 11.12

	Order no. FDAD12SAP
Extension pipe, 200 mm long	Order no. ZB9846VR
Plastic suction hose, 300 mm long	Order no. ZB9846PS
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**