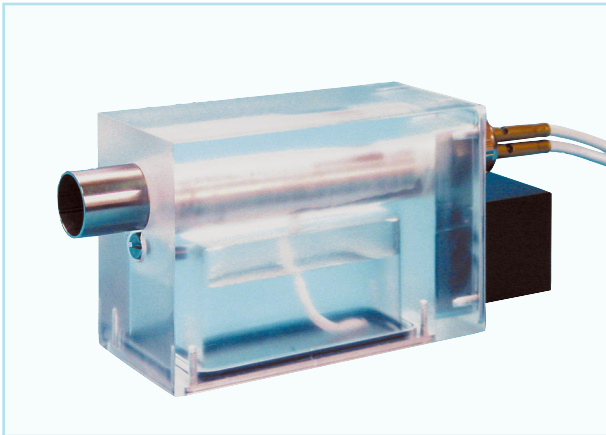


Psychrometer FNA 8463 / FPA 8363



- ▶ Optimized version for long-term measuring operations.
- ▶ Especially suitable for high temperatures.
- ▶ Operating range 0 to 90 °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. FDA912SAP

Spare wicks (2 pieces)

Order no. ZB98462ED

Extension cable for mains supply units with 3-pin bayonet coupling, length : 5 meters

Order no. : ZB5090VK05

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 ± 3 °C , 1013 mbar, 50% r.H.

Temperature FNA8463

Sensor:	2 x NTC type N
Accuracy:	0 to 70°C, ± 0.1K 70 to 90°C, ± 0.4K

Temperature FPA8363

Sensor:	2 x Pt100
Accuracy:	IEC 751, IEC 751, class B ALMEMO® adjusted

Electrical supply

Operating voltage :	12 V DC via mains supply unit (cable approx. 2 meters)
Current consumption :	approx. 40 mA

Mechanical construction

Housing :	plastic polycarbonate
Dimensions :	L 175 x W 50 x H 75
Weight :	approx. 890 g
Cable :	PVC (up to 90°C), 5 m with ALMEMO® connector FNA8463 : 1 cable / 1 connector FPA8363 : 2 cables / 2 connectors

01/2011 We reserve the right to make technical changes.

Types:

(including mains supply unit, water bottle, two wicks)

Psychrometer with 2 x NTC sensors including connecting cable (one ALMEMO® connector)

Psychrometer with 2 x Pt100 sensors including connecting cable (two ALMEMO® connectors)

Order no. FNA8463

Order no. FPA8363