

## Thermoanemometer Type FV A645 TH2/TH3



- ▶ Probe tube with heated miniature thermistor for flow measurement and highly precise Ni10 temperature sensor for temperature compensation.
- ▶ Evaluation electronics are located in a separate module housing.
- ▶ Measurement modules can be directly plugged onto the measuring instruments.
- ▶ Particularly suitable for low wind velocities, e.g. for draught measurements at work places.

### Type:

For flow velocities  
from 0.1 ... 2.000m/s,  
max. resolution: 0.001m/s

**Order No. FVA645TH2**

For flow velocities  
from 0.1 ... 15.00m/s,  
max. resolution: 0.01m/s

**Order No. FVA645TH3**

When attaching the measuring module other input sockets will be blocked. If the blocked input sockets need to be used or if the module can be directly installed at the measuring location, an extension cable ZA 9060-VKx (maximum length 5m) must be used.

### Technical Data:

|                      |  |
|----------------------|--|
| Air speed:           |  |
| Accuracy:            |  |
| 0.1 ... 0.5m/s:      | ± 0.05m/s  |
| 0.5 ... 3.5m/s:      | ± 0.01m/s ± 3% of final val.                                 |
| 3.5 ... 15.0m/s:     | ± 0.10m/s ± 3% of final val.                                 |
| Temperature:         |  |
| Meas. range:         | -20.0 ... 80.0°C   |
| Resolution:          | 0.1K   |
| Operative range:     | 0 ... 40°C   |
| Compensation:        | 10 ... 36°C  |
| Nominal temperature: | 22 °C ± 2K   |
| Air humidity:        | 0 ... 90% r.H.<br>(non-condensing)                           |
| Operating voltage:   | 6 ... 13V<br>through ALMEMO® device                          |
| Current consumption: | 50mA (mains adapter for<br>ALMEMO® device is<br>recommended) |
| Dimensions:          | 300mm long, 9mm Ø  |
| Inlet opening:       | 9mm  |
| Cable length:        | 1.5m with<br>ALMEMO® meas. module                            |
| Module size:         | 37 x 36 x 22mm   |

### Accessories:

Extension cable 2m long  
Extension cable 4m long

Order No. ZA9060VK2  
Order No. ZA9060VK4