

Digital vane anemometer FVAD 15 for air, with ALMEMO® D6 plug**Technical data and functions, FVAD 15 series**

- Measuring air flow velocity
- The vane anemometer is in practice unaffected by environmental variables such as pressure, temperature, density, or humidity.
- The design is compact - especially suitable for mobile measuring operations - heating, ventilating, air-conditioning.
- The probe head has an aero-dynamically optimized shape and protected bearings.
- On those variants with a snap-on head the probe head can be exchanged quickly and easily, e.g. for servicing.
- ALMEMO® D6 plug with high-resolution frequency measurement
- One measuring channel is programmed (at our factory).
Flow velocity (m/s, v).

Technical data FVAD15 series

Operative range	-20 to +140 °C
Maximum resolution	0.01 m/s
Nominal temperature	+22 °C ±2 K
Connecting cables	Fitted cable, 1.8 meters, with LEMO® plug
ALMEMO® adapter cable	LEMO® coupling cable, 0.2 meters with ALMEMO® D6 plug
ALMEMO® D6 plug	
Frequency measurement	resolution 0.01 Hz
Refresh rate	0.5 seconds for all channels
Averaging period	2 seconds
Supply voltage	6 to 13 VDC
Current consumption	4.5 mA

General features, ALMEMO® D6 sensors

see page 01.08

Accessories

Extension set Ø 15 mm, 4 x 255 mm

Telescopic extension Ø 15 to 24 mm, 330 / 1010 mm

Order no.

ZV9915VR3

ZV9915TV

DAkkS or factory calibration KV90xx air flow for digital sensor (see chapter „Calibration certificates“).

DAkkS calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.

Digital vane anemometer FVAD 15 S120/S140 with snap-on head, mini**Accessories**

Spare snap-on head, mini, 20 m/s

Spare snap-on head, mini, 40 m/s

Order no.

ZV9915S120

ZV9915S140

Technical data

Accuracy	±1 % of final value ±1.5 % of measured value
Probe head	Ø 22 mm, length 28 mm Replaceable snap-on head
Insert opening	from 35 mm
Sensor shaft	Ø 15 mm
Sensor length	175 mm including probe head

Standard delivery

Digital vane anemometer with snap-on head, fitted cable, adapter cable with ALMEMO® D6 plug

Measuring range 0.4 to 20 m/s

Measuring range 0.5 to 40 m/s

Order no.**FVAD15S120****FVAD15S140**

Digital vane anemometer FVAD 15 S220/S240 with snap-on head, micro**Accessories**

Spare snap-on head, micro, 20 m/s

Spare snap-on head, micro, 40 m/s

Order no.

ZV9915S220

ZV9915S240

Technical data

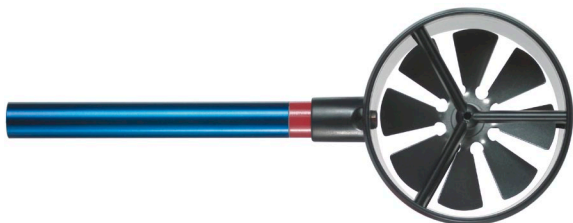
Accuracy	±1 % of final value ±3 % of measured value
Probe head	Ø 11 mm, length 15 mm Replaceable snap-on head
Insert opening	from 16 mm
Sensor shaft	Ø 15 mm
Sensor length	165 mm including probe head

Standard delivery

Digital vane anemometer with snap-on head fitted cable, adapter cable with ALMEMO® D6 plug

Measuring range 0.6 to 20 m/s

Measuring range 0.7 to 40 m/s

Order no.**FVAD15S220****FVAD15S240****Digital vane anemometer FVAD 15 SMA1 with snap-on head, macro****Accessories**

Spare snap-on head, macro, 20 m/s

Carry-case

Order no.

ZV9915SMA1

ZB9605TK

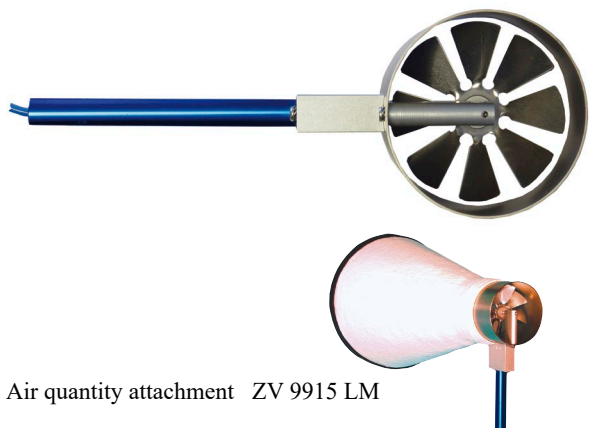
Technical data

Accuracy	±1 % of final value ±1.5 % of measured value
Probe head	Ø 85 mm, length 80 mm Replaceable snap-on head
Insert opening	from 119 mm
Sensor shaft	Ø 15 mm
Sensor length	235 mm including probe head

Standard delivery

Digital vane anemometer with snap-on head fitted cable, adapter cable with ALMEMO® D6 plug

Measuring range 0.2 to 20 m/s

Order no.**FVAD15SMA1****Digital vane anemometer FVAD 15 MA1 with brass probe head, macro attachment for measuring air quantity**

Air quantity attachment ZV 9915 LM

Technical data

Accuracy	±0.5 % of final value ±1.5 % of measured value
Probe head	Ø 80 mm, length 70 mm fitted brass probe head
Insert opening	from 108 mm
Sensor shaft	Ø 15 mm
Sensor length	225 mm including probe head

Accessories

Carry-case for rotating vane

Air quantity attachment (plug-in)

Ø 200 mm (up to approx. 275 m³/h)

Order no.

ZB9605TK

ZV9915LM

Standard delivery

Digital vane anemometer with fitted brass probe head fitted cable adapter cable with ALMEMO® D6 plug

Measuring range 0.2 to 20 m/s

Order no.**FVAD15MA1**