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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).

General features, ALMEMO® D6 sensors
see page 01.08

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, 1.5 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

Accessories	Order no.
Extension set Ø 15 mm, 4 x 255 mm	ZV9915VR3
Telescopic extension Ø 15 to 24 mm, 330 / 1010 mm	ZV9915TV

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

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



Accessories	Order no.
Spare snap-on head, mini, 20 m/s	ZV9915S120
Spare snap-on head, mini, 40 m/s	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	Order no.
Digital vane anemometer with snap-on head, fitted cable, adapter cable with ALMEMO® D6 plug	
Measuring range 0.4 to 20 m/s	**FVAD15S120**
Measuring range 0.5 to 40 m/s	**FVAD15S140**

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



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

Accessories	Order no.
Spare snap-on head, micro, 20 m/s	ZV9915S220
Spare snap-on head, micro, 40 m/s	ZV9915S240

Standard delivery

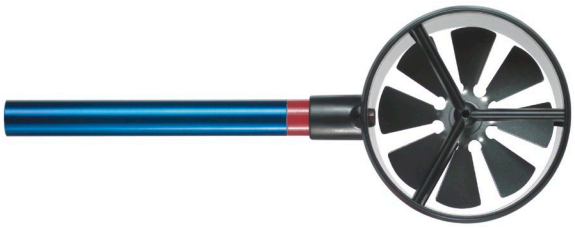
Order no.

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

Measuring range 0.6 to 20 m/s — **FVAD15S220**

Measuring range 0.7 to 40 m/s — **FVAD15S240**

Digital vane anemometer FVAD 15 SMA1 with snap-on head, macro



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

Accessories	Order no.
Spare snap-on head, macro, 20 m/s	ZV9915SMA1
Carry-case	ZB9605TK

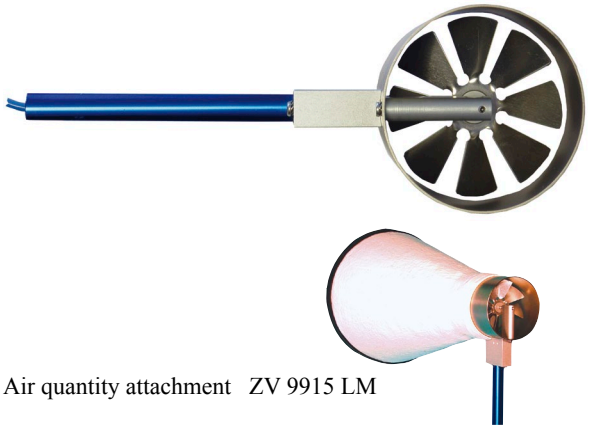
Standard delivery

Order no.

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

Measuring range 0.2 to 20 m/s — **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	Order no.
Carry-case for rotating vane	ZB9605TK
Air quantity attachment (plug-in) Ø 200 mm (up to approx. 275 m³/h)	ZV9915LM

Standard delivery

Order no.

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

Measuring range 0.2 to 20 m/s — **FVAD15MA1**

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