

Digital precision vane anemometer

FVAD 15 -H120 / -H140 / -H220 / -H240 / -MK5 / -MK20 with ALMEMO® D6 plug



FVAD 15 -H120 / -H240



FVAD 15 -H220 / -H140



FVAD 15-MK5 / -MK20

Technical data and functions

- The precision probe heads and the sensor shaft are made of metal.
- The flow velocity is recorded with high accuracy.
- Every vane anemometer is adjusted individually. The multi-point adjustment is saved within the ALMEMO® D6 plug.
- Measurement operations carried out by a vane anemometer in air/gas are in practice nearly completely unaffected by environmental variables such as pressure, temperature, or humidity. The low dependence of the measured value on density can be compensated. The density of the gas can be programmed within the ALMEMO® D6 sensor menu on the ALMEMO® V7 device.
- The rugged construction is suitable for mobile as well as for stationary measurement operations.
- The ALMEMO® D6 plug measures the frequency signal of the vane with high resolution.
- One measuring channel is programmed (at our factory): flow velocity v (m/s).

Technical data:

Maximum resolution	0.01 m/s	Refresh rate	0.5 seconds for all channels
Nominal conditions	22 °C ±2 K, 1013 mbar	Averaging period	2 seconds, programmable from 2 to 100 s
Connection cable	permanently connected cable, 2 meters, with Lemo plug	Supply voltage	6 to 13 VDC
ALMEMO® adapter cable	Lemo coupling cable, 0.2 meters, with ALMEMO® D6 plug	Current consumption	8 mA
ALMEMO® D6 plug			
Frequency measurement	resolution 0.01 Hz	For more information about general features of the ALMEMO® D6 sensors, refer to page 01.05	
Multi-point adjustment	sensor specific, saved within the ALMEMO® D6 plug of the adapter cable		

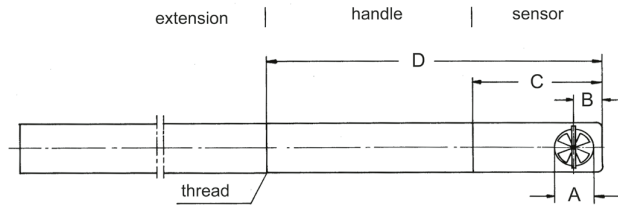
Accessories

Order no.

Lemo extension cable, length = 5m, for FVAD 15-H120/-H140/-H220/-H240 /-MK5/-MK20 to extend the sensor cable	ZB9915VKLH05
ALMEMO® extension cable, length = 4m (see chapter 6)	ZA9060VK4
ALMEMO® extension cable, length = 5m (see chapter 6)	ZA9090VK5
Extension set Ø 25mm, stainless steel, 3 tubes 350mm each, suitable for FVAD 15-H120/ -H140	ZV9915H25VR3
Extension set Ø 16mm, stainless steel, 3 tubes 350mm each, suitable for FVAD 15-H220/ -H240	ZV9915H16VR3

DakS or factory calibration KV90xx, air flow, for digital probe, see chapter Calibration certificates. The DAkS calibration fulfills the requirements of DIN EN ISO/IEC 17025 for test equipment.

Digital precision vane anemometer mini FVAD 15 -H120 / -H140



- The construction type as a cylindrical probe is optimized for safely introducing the probe in a flow channel. Probe head and handle have the same diameter.

Technical data:

Version:	mini, aluminum	Probe head:	aluminum, Ø 25 mm
Measured medium:	air/gas		dimensions C 60 mm
Operative range:	-20 to +125 °C (including cable)		dimensions A Ø 18.2 mm
Pressure resistance:	up to 6 bar overpressure		dimensions B 13.4 mm
Measuring range:	refer to Variants	Sensor shaft:	Aluminum, Ø 25 mm
Accuracy:	± (+0.5 % of final value sensor + 1.0 % of measured value) specific multi-point adjustment.	Sensor length:	dimensions D 170 mm
		Cable exit:	thread M 22 x 1.5
		Cable length:	2 m

Variants (including manufacturer's test certificate)

Digital precision vane anemometer for air/gas,
permanently connected cable, adapter cable with ALMEMO® D6 plug

Probe head MN20GA, measuring range of 0.3 to 20 m/s

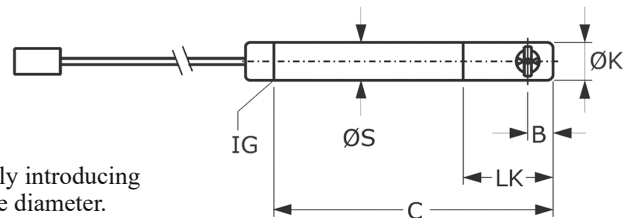
Probe head MN40GA, measuring range of 0.4 to 40 m/s

Order no.

FVAD15H120

FVAD15H140

Digital precision vane anemometer micro FVAD 15H -H220 / -H240



- The construction type as a cylindrical probe is optimized for safely introducing the probe in a flow channel. Probe head and handle have the same diameter.

Technical data:

Version:	micro, aluminum,	Probe head:	aluminum,
Measured medium:	air/gas		dimensions ØK Ø 16 mm
Operative range:	-20 to +125 °C (including cable)		dimensions LK 53 mm
Pressure resistance:	up to 3 bar overpressure		dimensions B 10,65 mm
Measuring range:	refer to Variants	Sensor shaft:	Aluminum,
Accuracy:	± (+0.5 % of final value sensor + 1.0 % of measured value) specific multi-point adjustment.		dimensions ØS Ø 16 mm
		Sensor length:	dimensions C 163 mm
		Cable exit:	dimensions IG thread M 14 x 1.5
		Cable length:	2 m

Variants (including manufacturer's test certificate)

Digital precision vane anemometer for air/gas,
permanently connected cable, adapter cable with ALMEMO® D6-plug.

Probe head MC20GA, measuring range of 0.6 to 20 m/s

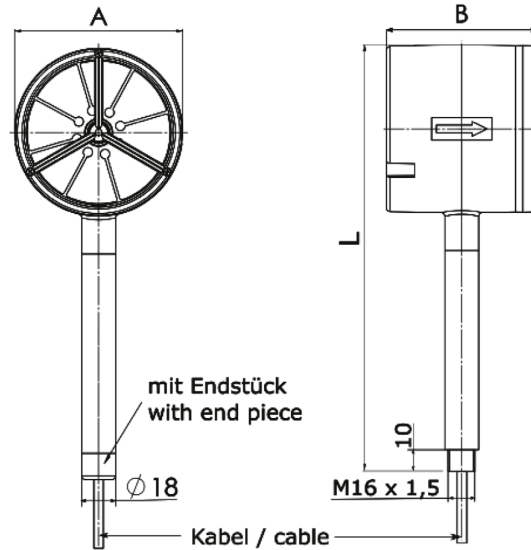
Probe head MC40GA, measuring range of 0.7 to 40 m/s

Order no.

FVAD15H220

FVAD15H240

Digital precision vane anemometer makro FVAD 15 -HMK5 / -HMK20



- Anemometer with T-measuring head.
- Large cross-sectional area.
- Small measuring range available.

- Low inclined flow sensitivity.
- For measuring medium air, pure gases or gas mixtures.

Applications

The digital precision vane anemometer with measuring head makro is used in a wide variety of applications to measure air velocity.

- Measurements on ventilation, air conditioning and filtration systems.
- Measurement of laminar flow and net measurements on large inlets and outlets.
- Verification of air movements in clean rooms.
- Control measurements on fume hoods of workbenches, workstations.
- Measurements in automotive engineering: during investigations in wind tunnels and in vehicle interiors.

Technical data:

Version:	makro, zinc alloy	Probe head:	zinc alloy
Measured medium:	air/gas	Impeller:	aluminum
Operative range:	-20 to +125 °C (including cable)		dimensions A Ø 90 mm
Pressure resistance:	atmospheric pressure		dimensions B 80 mm
Measuring range:	refer to Variants	Sensor shaft:	stainless steel, Ø 18 mm
Accuracy:	± (+0.5 % of final value sensor + 1.0 % of measured value) specific multi-point adjustment.	Sensor length:	dimensions L 225 mm (without end piece)
		Cable exit:	thread M 22 x 1.5
		Cable length:	2 m
		Weight:	approx. 1kg (incl. cable)

Accessories

Order no.

Carrying case for vane anemometer macro

ZB9605TK

Variants (including manufacturer's test certificate)

Order no.

Digital precision vane anemometer for air/gas,
permanently connected cable, adapter cable with ALMEMO® D6 plug

Probe head MK5, measuring range of 0.15 to 5 m/s

FVAD15HMK5

Probe head MK20, measuring range of 0.25 to 20 m/s

FVAD15HMK20

Digital vane anemometer FVAD 15-H for special applications, with ALMEMO® D6 plug

Technical data and functions

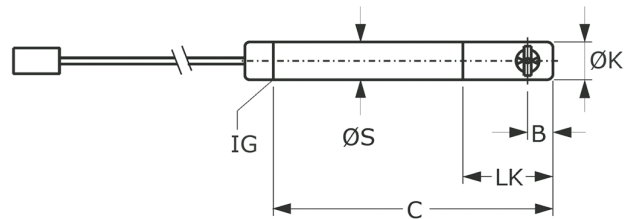
- The precision measuring heads and the sensor shaft are made of aluminum or stainless steel.
- The flow velocity is measured with high accuracy.
- Each vane anemometer is individually adjusted. The Multipoint adjustment is stored in the ALMEMO® D6 connector.
- In practice, measurements in air and gases are unaffected by environmental variables such as pressure, temperature, or humidity. The low dependence of the measured value on density of the gas can be compensated for. The density can be programmed in the ALMEMO® D6 sensor menu in the ALMEMO® V7 device.
- Several measuring heads can be used for measurements in air and gases as well as in liquids.
- Some variants detect the direction of flows and display the measured value with an algebraic sign.
- The robust type of construction is suitable for mobile measuring operations as well as for stationary measuring operations.
- The ALMEMO® D6 plug measures the frequency signal of the rotating vane with high resolution.
- 1 measuring channel is preprogrammed (ex works): Flow velocity (m/s, v).

Technical data

Maximum resolution	0.01 m/s	Averaging period	2 seconds, programmable from 2 to 100 seconds
Nominal conditions	22 °C ±2 K, 1013 mbar	Supply voltage	6 to 13 VDC
Connecting cable	permanently fitted cable, with ALMEMO® D6 plug	Current consumption	8 mA
ALMEMO® D6 plug			
Frequency measurement	resolution 0.01 Hz		
Refresh rate	0.5 seconds for all channels		

General features for the ALMEMO® D6 sensors: see page 01.08

Digital vane anemometer for air/gas or liquid FVAD 15-H16GFAMC40



Technical data

Variant:	Micro, aluminum, suitable also for liquids	Type of rotating vane:	MC40GFA, aluminum
Measured medium:	air and gases or liquids (precondition: no cavitation)	Measuring head:	
Operative range:	-20 to +100 °C (including cable)	dimension ØK	aluminum, Ø 16 mm
Pressure resistance:	up to 3 bar overpressure	dimension LK	53 mm
Measuring range:	in air: 0.6 to 40 m/s, or in liquids: 0.06 to 10 m/s please specify the desired medium.	dimension B	10.65 mm
Accuracy:	± (+0.5 % of final value sensor + 1.0 % of measured value) for the specified medium specific multi-point adjustment	Sensor shaft:	Aluminum, Ø 16 mm (dimension ØS)
		Sensor length:	163 mm (dimension C) greater lengths are optionally available with an extension bar (only ex works)
		Cable exit:	Thread M 14 x 1.5 (dimension IG)
		Cable length:	2 m

Option

Extension bar aluminum, Ø 16 mm, length 350 mm, installed on the rotating vane ex works, not removable!

Order no.

OV9915HVS16A

Variants

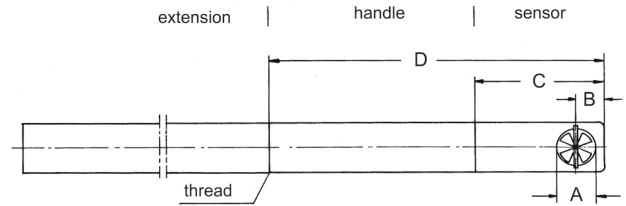
Digital vane anemometer for air and gases or for liquids, up to 40 m/s (air and gases), up to 100°C, integrated fixed cable, with ALMEMO® D6 plug. Please indicate the desired medium!

Order no.

FVAD15H16GFAMC40

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 with direction detection FVAD 15-H25RGAMN40



10/2021 • We reserve the right to make technical changes.

Digital vane anemometer FVAD 15-H25RGAMN40

Technical data

Variant:	Mini, aluminum, with integrated direction detection	Measuring head:	Aluminum, Ø 25 mm dimension C 66 mm dimension A Ø 18.2 mm dimension B 13 mm
Measured medium:	air and gases	Sensor shaft:	Aluminum, Ø 25 mm
Operative range:	-20 to +125 °C (including cable)	Sensor length:	166 mm (dimension D), greater lengths are optionally available with an extension bar (only ex works)
Pressure resistance:	up to 6 bar overpressure	Cable exit:	Thread M 22 x 1.5
Measuring range:	± 0.4 to ± 40 m/s with direction detection	Cable length:	2 m
Accuracy:	± (+0.5 % of final value sensor + 1.0 % of measured value) specific multi-point adjustment		
Type of rotating vane:	MN40GA, aluminum		

Option

Order no.

Extension bar aluminum, Ø 25 mm, length 350 mm, installed on the rotating vane ex works, not removable!

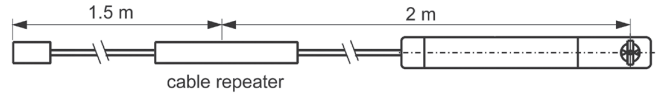
OV9915HVS25A

Variants

Order no.

Digital vane anemometer for air and gases, up to 40 m/s, with integrated direction detection, up to 125°C, integrated fixed cable, with ALMEMO® D6 plug.

FVAD15H25RGAMN40

Digital vane anemometer, operating range up to 260 °C FVAD 15-H25GEMN40T2

Technical data

Variant:	Mini, stainless steel, for high-temperature up to 260 °C	dimension A Ø 18.2 mm dimension B 14 mm
Measured medium:	air and gases	Sensor shaft: stainless steel, Ø 25 mm
Operative range:	-40 to +260 °C (including high-temperature cable)	Sensor length: 170 mm (dimension D), greater lengths are optionally available with an extension bar (only ex works)
Pressure resistance:	up to 10 bar overpressure	Cable exit: Thread M 22 x 1.5
Measuring range:	0.5 to 40 m/s	Cable length: 2 m high-temperature cable (up to 260 °C), cable repeater (-30 to 125 °C), 1.5 m cable (up to 125 °C)
Accuracy:	± (+0.5 % of final value sensor + 1.0 % of measured value) specific multi-point adjustment	
Type of rotating vane:	MN40GE, stainless steel	
Measuring head:	stainless steel, Ø 25 mm dimension C 81 mm	

Option
Order no.

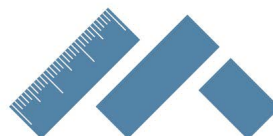
Extension bar stainless steel, Ø 25 mm, length 350 mm, temperature-resistant from -20 to +240 °C (VITON O-ring), installed on the rotating vane ex works, not removable!

OV9915HVS25E

Variants
Order no.

Digital vane anemometer for air and gases, up to 40 m/s, up to 260 °C, integrated fixed cable, with ALMEMO® D6 plug.

FVAD15H25GEMN40T2



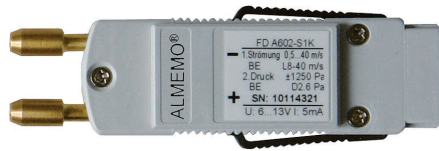
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Differential pressure and Pitot tube measurement Measuring connector FDA 602 S1K / S6K



Measuring connector FDA602S1K / S6K

- Pressure measuring connector in compact design for flow measurement with Pitot tubes
- Fitting for connecting hose between Pitot tube and pressure measuring connector
- Pressure measuring connector can be plugged directly onto the measuring instrument.

Technical data

Overload capacity	Maximum three times final value	Operating range	-10 to +60 °C, 10 to 90% RH, non-condensing
Max. common mode pressure	700 mbar	Dimensions	74 x 20 x 8.8 mm
Accuracy (zero-pt adjusted)	±0.5% of final value in range 0 to positive final value	Hose terminals	Ø 5 mm, 12 mm long
Nominal temperature	25 °C	Sensor material	aluminum, nylon, silicone, silica gel, brass
Temperature drift	< ±1.5 % of final value		
Compensated temp. range	0 to +70 °C		

! Advisory note when used in conjunction with ALMEMO® 2890, 5690, 5790, 8590, 8690, 500, 809: The new ALMEMO® pressure measuring connector is very slightly higher (8.8 mm). As a result adjacent input sockets on the ALMEMO® device may be partly covered. However, the 1st input socket can always be used without restriction. Or, alternatively, the ALMEMO® pressure measuring connector can be plugged in at any input socket using connecting cable ZA9060AK1.

! On ALMEMO® devices to obtain precise measured results in m/s the wind tunnel temperature can be entered in the -50 to +700 °C range for compensation purposes.

10/2021 • We reserve the right to make technical changes.

Accessories

Order no.

ALMEMO® pressure measuring connector for barometric pressure 700 to 1100 mbar, without pressure terminal sleeve Technical data see chapter 10 Pressure	FDAD12SA
including programming for automatic atmospheric pressure compensation (comment *P) (variant with pressure terminal sleeve, see chapter 10 Pressure)	OA9000PK
Connecting cable, 0.2 meters	ZA9060AK1
Extension cable, 2 meters	ZA9060VK2
1 set of silicone hoses black / colorless, 2 meters	ZB2295S
Silicone hose, black, per meter	ZB2295SSL
Silicone hose, colorless, per meter	ZB2295SFL

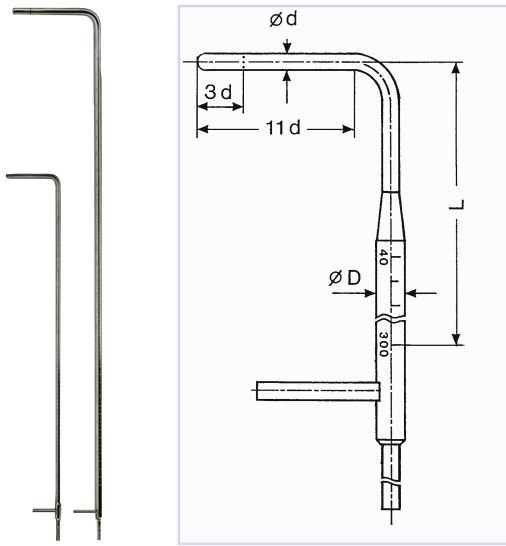
Variants (including manufacturer's test certificate)

Order no.

(including one set of silicone hoses, 2 meters) Measuring ranges ±1250 Pa, Differential pressure (1 to 40 m/s), Measured variables: m/s, Pa, Measuring connector, independent of position	FDA602S1K
Measuring ranges ±6800 Pa Differential pressure (2 to 90 m/s) Measured variables m/s, Pa, Measuring connector, independent of position	FDA602S6K

DAkkS or factory calibration KV90xx, air flow, and KD90xx, pressure, for sensor or measuring chain (sensor + device) (see chapter „Calibration certificates“). DAkkS calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.

Pitot Tubes for Differential Pressure Sensors FDA602



- Prandtl Pitot tubes with hemispheric head.
- For measuring the dynamic pressure, the tip of the Pitot tube has an opening of $0.3d$.
- For measuring the static pressure, a total of 12 holes with $0.1d$ \varnothing have been arranged at a distance of $3d$.

! Mit ALMEMO® devices that have an option for entering factors can also be used to perform wind velocity measurements with cylindrical probes, according to VDEH. The cylindrical Pitot tubes have a probe-related coefficient of 1.7. By entering a factor of 0.767 in the range m/s this coefficient will be considered during the measurement.

Option

Movable screw connection for brass Pitot tubes with shaft diameter x (6; 8; 10; 20mm)
for steel Pitot tubes with shaft diameter x (6; 8; 10; 20mm)

Order no.

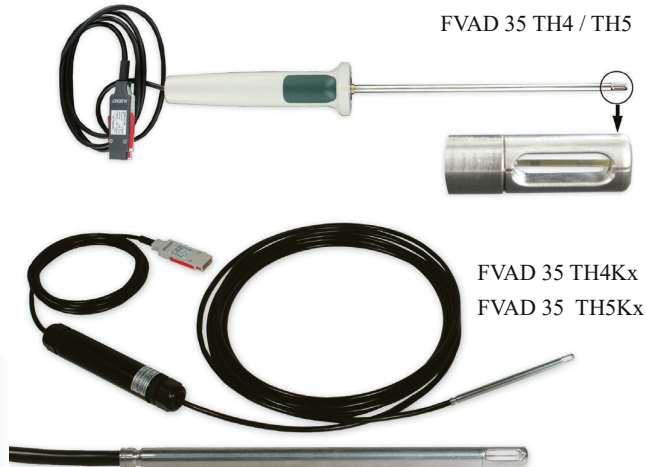
ZB9912KMx
ZB9912KVx

Types and Technical Data:

Head Diameter (d)	Shaft Diameter (D)	Length	Tmax	Permiss. Dust	Material	Order no.
3 mm	6 mm	300 mm	150°C	none	Nickel-plated brass	FD991233MS
3 mm	6 mm	300 mm	300°C	none	Chrome-nickel steel	FD991233VA
5 mm	8 mm	400 mm	350°C	none	Nickel-plated brass	FD991254MS
5 mm	8 mm	400 mm	500°C	none	Chrome-nickel steel	FD991254VA
5 mm	8 mm	600 mm	350°C	none	Nickel-plated brass	FD991256MS
5 mm	8 mm	600 mm	500°C	none	Chrome-nickel steel	FD991256VA
8 mm	8 mm	400 mm	350°C	low	Nickel-plated brass	FD991284MS
8 mm	8 mm	400 mm	500°C	low	Chrome-nickel steel	FD991284VA
8 mm	8 mm	800 mm	350°C	low	Nickel-plated brass	FD991288MS
8 mm	8 mm	800 mm	600°C	low	Chrome-nickel steel	FD991288VA
10 mm	10 mm	800 mm	350°C	some	Nickel-plated brass	FD991296MS
10 mm	10 mm	800 mm	600°C	some	Chrome-nickel steel	FD991296VA*
10 mm	10 mm	1000 mm	350°C	some	Nickel-plated brass	FD991297MS
10 mm	10 mm	1000 mm	600°C	some	Chrome-nickel steel	FD991297VA*
10 mm	20 mm	1500 mm	350°C	some	Nickel-plated brass	FD991298MS
10 mm	20 mm	1500 mm	600°C	some	Chrome-nickel steel	FD991298VA*
20 mm	20 mm	2000 mm	600°C	more	Chrome-nickel steel	FD991299VA*

*) all VA Pitot tubes can be operated up to 700°C for a short period

Digital thermoanemometer FVAD 35 THx with ALMEMO® D6 plug with integrated atmospheric pressure sensor, for automatic pressure compensation



- Automatic atmospheric pressure compensation is provided for pressure-dependent flow velocity by means of a digital atmospheric pressure sensor integrated in the ALMEMO® D6 plug itself.
- Digital thermoanemometer with A/D converter in the grip or integrated in the cable
- The probe tube has a small diameter, only 6 mm.
- All relevant measurable variables can be measured using just one sensor.
- Three measuring channels are programmed (at our factory): Temperature (°C, t), Flow velocity (m/s, v), Atmospheric pressure (mbar, AP, p)

General features and accessories, ALMEMO® D6 sensors: see page 01.08

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.

10/2021 • We reserve the right to make technical changes.

Technical data

Digital thermoanemometer (Sensor including A/D converter)

Flow	
Measuring range	
FVAD 35 TH4 / TH4Kx	0.08 to 2 m/s
FVAD 35 TH5 / TH5Kx	0.2 to 20 m/s
Resolution	
FVAD 35 TH4 / TH4Kx	0.001 m/s
FVAD 35 TH5 / TH5Kx	0.01 m/s
Response time	<1.5 seconds
Accuracy	
FVAD 35 TH4 / TH4Kx	± (0.04 m/s +1% of meas. val.)
FVAD 35 TH5 / TH5Kx	± (0.2 m/s +2% of meas. val.)
Nominal conditions	22 °C ±2 K, 45 % RH ±10 % RH 1013 mbar
Temperature compensation	0 to +50 °C
Influence of temperature	
FVAD 35 TH4 / TH4Kx	±0.5 % of measured value /°C at 0.3 to 2 m/s
FVAD 35 TH5 / TH5Kx	±0.3% of measured value /°C at 0.3 to 20 m/s
Incidental flow	bidirectional
Angle dependence	<3% of measured value with deviation <15°
Pressure range	Ambient pressure
Pressure compensation	automatic in range 700 to 1100mbar

Temperature	
Measuring range	-20 to +70 °C
Resolution	0.1 °C
Accuracy	±0.7 °C at 0 to 50 °C and >0.5 m/s
Response time T ₉₀	typical 10 seconds

Digital atmospheric pressure sensor (integrated in ALMEMO® D6 plug)

Measuring range	700 to 1100 mbar
Accuracy	±2.5 mbar (at 23 °C ±5 K)

ALMEMO® D6 plug

Refresh rate	0.5 seconds for all 3 channels
Supply voltage	6 to 13 VDC
Current consumption	40 mA

Dimensions

Probe diameter	6 mm
Flow aperture	approx. 10 x 3 mm
FVAD 35 TH4 / TH5	
Probe with grip,	probe lengths 210 mm (plus grip),
ALMEMO® cable	1.5 meters
FVAD 35 TH4Kx / TH5Kx	
Probe with detached electronics unit integrated in the cable,	Probe lengths THxK1, 80 mm / THxK2, 300 mm
Probe cable	5 meters to the electronics, ALMEMO® cable 1.5 m

Accessories (for FVAD 35 THxK1 / K2 only)

Clamped screw connection with thread adapter for telescopic extension / extension set (maximum 80 °C)	ZV9915KV
Extension set Ø 15 mm 4 x 255 mm	ZV9915VR3
Extension tube Ø 15mm, 100cm	ZV9915VR100
Thread adapter G 1/4" to extension tube ZV9915VR100	ZV9915G4

Order no.

Variants (including works certificate)

Digital thermoanemometer, fitted cable with ALMEMO® D6 plug and integrated digital atmospheric pressure sensor

Sensor 2 m/s, length = 210 mm, (with grip)	FVAD35TH4
Sensor 2 m/s, length = 80 mm, (detached electronics unit)	FVAD35TH4K1
Sensor 2 m/s, length = 300 mm, (detached electronics unit)	FVAD35TH4K2
Sensor 20 m/s, length = 210 mm, (with grip)	FVAD35TH5
Sensor 20 m/s, length = 80 mm, (detached electronics unit)	FVAD35TH5K1
Sensor 20 m/s, length = 300 mm, (detached electronics unit)	FVAD35TH5K2

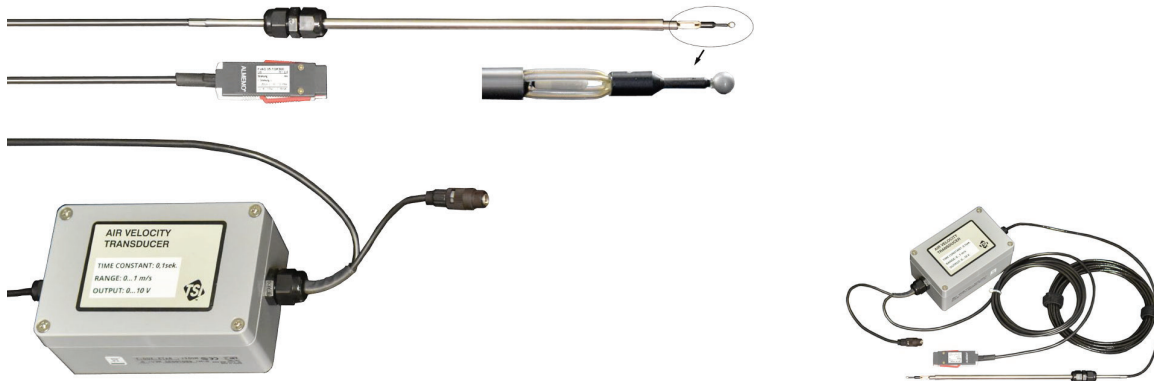
Order no.

Other designs are available on request

High-temperature thermoanemometer MT8635THx
Operative range -40 to +120 °C, up to 40 m/s
Probe with detached electronics unit integrated in the cable



Digital thermo-anemometer omnidirectional FVAD 05-TOKx, with ALMEMO® D6 plug, with integrated atmospheric pressure sensor for automatic atmospheric pressure compensation



Technical data and functions

- Omnidirectional sensitive tip with exposed heat ball probe.
- Optimized version for measuring low flow velocities in air.
- Solid construction of the sensor top, suitable for mobile usage.
- Digital thermo-anemometer with integrated A/D converter in the ALMEMO® D6 plug.
- Automatic atmospheric pressure compensation of the flow velocities dependent on the atmospheric pressure with digital

atmospheric pressure sensor integrated in the ALMEMO® D6 plug. Alternatively manual input of the atmospheric pressure in the ALMEMO® D6 sensor menu. Two measuring channels are preprogrammed on leaving our factory: flow velocity (m/s, v), atmospheric pressure (mbar, AP, p).

For more information about general features of the ALMEMO® D6, refer to page 01.05.

Technical data:

Flow sensor		Transmitter electronic	
Measuring range:	0.050 to 1.000 m/s or 2.500 m/s	Dimensions:	126 x 80 x 60 mm (L x W x H)
Resolution:	0.001 m/s	Operating temperature:	0 to 60 °C
Accuracy:	± (3 % of measured value + 1 % of final value +2 digits)	Supply voltage:	12 VDC
Nominal conditions:	23 °C ±3 K, 50 % RH, 1013 mbar.	Current consumption:	maximum of 350 mA
Temperature compensation:	effective in the range 0 to 60 °C	Power supply unit connection:	0.2 meter cable with connection 3 pin connector for the power supply unit ZB1212NA10
Temperature effect:	0.5 % of the measured value/K	ALMEMO® connection: with ALMEMO D6 plug	2 meter cable
Output time constant:	0.1 s (selectable in the range of 0.05 to 10 seconds)	Digital atm. pressure sensor (included in the ALMEMO® D6 plug)	
Incident flow:	omnidirectional	Measuring range:	700 to 1100 mbar
Pressure range:	environmental pressure	Accuracy:	± 2.5 mbar (at 23 °C ±5 K)
Atmospheric pressure compensation:	automatically in the range of 700 to 1100 mbar	A/D converter integrated in the ALMEMO® D6 plug	
Dimensions:		Refresh rate:	0.1 seconds for both channels
Peak length:	32 mm	Supply voltage:	via the ALMEMO® device (6 to 13 VDC)
Probe diameter:	6.4 mm	Current consumption:	8 mA
Probe length:	300 mm including peak		
Probe cable:	5 meters		

Option

Measuring range 2.5 m/s. Transmitter electronic and ALMEMO® D6 plug are pre-configured on leaving our factory

Order no.

OA9000TO25

Variants (including manufacturer's test certificate)

Order no.

Digital thermo-anemometer, omnidirectional sensitive peak.

Probe with connecting cable to the transmitter electronic. Power supply cable including a plug connection for the power supply unit. ALMEMO® connection cable with ALMEMO® D6 plug, integrated digital atmospheric pressure sensor.

Delivery including plug-in power supply unit ZB1212NA10.

FVAD05TOK300

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.