

AIR FLOW

Rotating Vanes for Air and Gases FV A915 S120 / S140



- ▶ Sensitive sensor with diamond bearing and precise adjustment for high accuracies.
- ▶ The aluminium rotating vanes have stream-lined measuring heads made from plastic material (polysulfone).
- ▶ The shafts are, as standard, guided in protected, oiled beryllium-brass bearing sleeves and supported in tips made from special case-hardened steel.
- ▶ Particularly suitable for use in climatology.
- ▶ Equipped with snap-on measuring heads and, as a result, very easy to service.

Type:

Meas. range: 0.4 to 20m/s

Meas. range: 0.4 to 40m/s

Order no. FVA915S120

Order no. FVA915S140

Technical Data:

Accuracy:	±0.5% of final val. ±1.5% of measured val.
Max. resolution:	0.01m/s
Nominal temperature:	22°C ±2K
Operative range:	-20 to +140°C
Meas. head diameter:	22mm, head is replaceable
Sensor length:	175mm
Inlet opening:	starting from 35mm
Cable length:	1.5m, ALMEMO® connector

Accessories:

Spare snap-on head 20m/s	Order no. ZV9915S120
Spare snap-on head 40m/s	Order no. ZV9915S140
Extension set Ø 15mm, 4 x 255mm	Order no. ZV9915VR3
Telescope extension Ø 15...24mm, 330/1010mm	Order no. ZV9915TV

Rotating Vanes for Air and Gases FV A915 S220 / S240



- ▶ Sensitive sensor with diamond bearing and precise adjustment for high accuracies.
- ▶ The aluminium rotating vanes have stream-lined measuring heads made from plastic material (polysulfone).
- ▶ The shafts are, as standard, guided in protected, oiled beryllium-brass bearing sleeves and supported in tips made from special case-hardened steel.
- ▶ Particularly suitable for use in climatology.
- ▶ Equipped with snap-on measuring heads and, as a result, very easy to service.

Type:

Meas. range: 0.5 to 20m/s

Meas. range: 0.6 to 40m/s

Order no. FVA915S220

Order no. FVA915S240

Technical Data:

Accuracy:	±1% of final val. ±3% of measured val.
Max. resolution:	0.01m/s
Nominal temperature:	22°C ±2K
Operative range:	-20 to +140°C
Meas. head diameter:	11mm, head replaceable
Inlet opening:	starting from 15mm
Sensor length:	165mm
Cable length:	1.5m, ALMEMO® connector

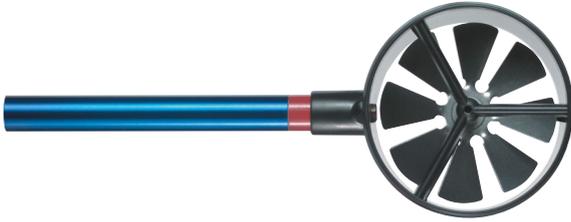
Accessories:

Spare snap-on head 20 m/s	Order no. ZV9915S220
Spare snap-on head 40 m/s	Order no. ZV9915S240
Extension set Ø 15mm, 4 x 255mm	Order no. ZV9915VR3
Telescope extension Ø 15...24mm, 330/1010mm	Order no. ZV9915TV

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

AIR FLOW

Rotating Vanes for Air and Gases FV A915 SMA1



- ▶ Sensitive sensor with diamond bearing and precise adjustment for high accuracies.
- ▶ The aluminium rotating vanes have stream-lined measuring heads made from plastic material (polysulfone).
- ▶ The shafts are, as standard, guided in protected, oiled beryllium-brass bearing sleeves and supported in tips made from special case-hardened steel.
- ▶ Particularly suitable for use in climatology.
- ▶ Equipped with snap-on measuring heads and, as a result, very easy to service.

Type:

Meas. range: 0.1 to 20m/s

Order no. FVA915SMA1

Technical Data:

Accuracy:	±0.5% of fin.v., ±1.5% of m.v.
Max. resolution:	0.01m/s
Nominal temperature:	22°C ±2K
Operative range:	-20 to +140°C
Meas. head diameter:	80mm, head replaceable
Inlet opening:	starting from 108mm
Sensor length:	235mm
Cable length:	1.5m, ALMEMO® connector

Option:

Temperature sensor (NTC) installed Order no. OV9915TE

Accessories:

Spare snap-on head	Order no. ZV9915SMA1
Extension set Ø 15mm, 4 x 255mm	Order no. ZV9915VR3
Telescope extension Ø 15...24mm, 330/1010mm	Order no. ZV9915TV
Carry-case	Order no. ZB9605TK

Rotating vane for measuring air volume FV A915 MA1



Ausführung:

Measuring range : 0.2 to 20 m/s

Order no. FVA915MA1

Mountable hopper for measuring air volume, Ø 200 mm (up to approx. 275 m³/h)

Order no. ZV9915LM

Technical data :

see FVA915SMA1

- ▶ Rotating vane with permanently attached brass probe head
- ▶ Mountable hopper for measuring air volume

Option:

Temperature sensor (NTC), integrated Order no. OV9915TE

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