

They follow the current...

of directional airflow. The cost-saving variant (1468) transmits an active, analogous output signal. It does not require any auxiliary power and has robust aluminum blades. High resolution, especially low starting values, and a large temperature range of application are characteristics of the variants with inductive proximity switches acc. to NAMUR. Special blade constructions allow operation in up to 30 m/s (option on request). Bidirectional flow measurement is made possible with unit (1468 S9) by two inductive sensors and rotational direction indicator.

- 10 blade impeller warrants fast response
- wear-resistant measuring elements
- 3 variants for specific requirements available

heating / air conditioning • ventilation and exhaust devices • street and railroad tunnels – special (1468 S9)



Professional Line

Series (1468) Vane Anemometers

Measuring range:	0.1 (0.5)...20 m/s		
Housing:	light metal · RAL 5009 (azure) · vane made of aluminium		
Dimensions/ Weight:	protection ring outside Ø 109 mm · D 60 mm · approx. 0.4 kg		
Varieties:			
Id-No.:	00.14680.020 400	00.14683.015 070	00.14689.005 020
Code:	(1468)	(1468 I507)	(1468 S9)
Measuring elements:	DC-measuring generator	1 inductive sensor acc. to NAMUR	2 inductive sensors acc. to NAMUR
Range of application:	-30...+60°C	25...+100°C	-30...+60°C
Starting values:	0.5 m/s	0.1 m/s	0.1 m/s
Outputs:	0...4 mA = 0...20 m/s Ra = 105 Ω v = 4.9 l + 0.5	300 Hz ± 6 Hz at 10 m/s ~ 1 kΩ	2 x 170 Hz ± 4 Hz at 20 m/s ~ 1 kΩ
Current characteristic:			
Internal resistance:	-		
Supply voltage:	-	8 V _{DC} for proximity switch	8 V _{DC} for proximity switch
Standards:	-	DIN 19234	DIN 19234

Accessories:

00.14953.000 000

(14953 DA) Digital-Analog-Transducer (optional) for (1468 I507) see "Meas. transducer"

00.14949.200 000

(14949.2) Digital-Analog-Transducer with detection of direction of rotation (optional) for (1468 S9) see page "Measuring transducer"

