



VANE ANEMOMETER

Bidirectional air flow

Sturdy, small construction...

for mobile or stationary use.
Version 1468 transmits an active, analogous output signal.

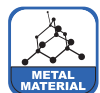
It does not require any auxiliary power and has robust aluminum blades.

High resolution, especially low starting values, and a large temperature range of application are characteristics of the version with inductive proximity switches acc. to NAMUR.

Bidirectional flow measurement is made possible with unit 1468 S9 by two inductive sensors and rotational direction indicator.

- 10 blade impeller warrants fast response
- 3 versions for specific requirements available
- cable length 3 m

heating / air conditioning • ventilation and exhaust devices



Professional Line	(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 \varnothing 109 mm · D 60 mm · approx. 0.4 kg		
<u>Versions:</u>				
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 I + 0.5	300 Hz \pm 6 Hz at 10 m/s	2 x 170 Hz \pm 4 Hz at 20 m/s
Current characteristic:			\sim 1 k Ω	\sim 1 k Ω
Internal resistance:		-	8 V _{DC} for proximity switch	8 V _{DC} for proximity switch
Supply voltage:		-	DIN 19234	DIN 19234
Standards:		-		
<u>Accessories:</u>				
00.14953.000 000	(14953 DA)	Digital-Analog-Transducer (optional) for (1468 I507)		
00.14949.200 000	(14949.2)	Digital-Analog-Transducer with detection of direction of rotation (optional) for (1468 S9)		