



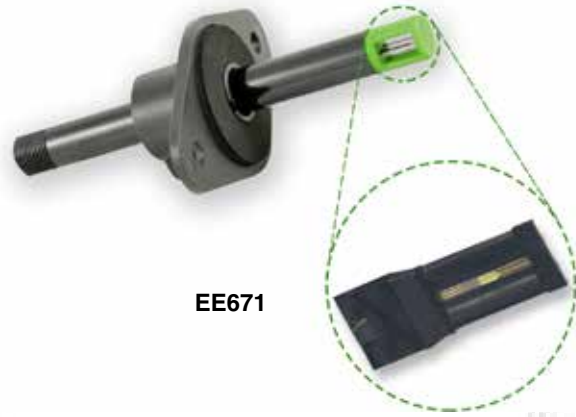
AIR FLOW TRANSMITTER EE671

DESCRIPTION

The **E+E EE671 air flow transmitter** is a compact air velocity probe for HVAC applications. The built-in flow sensing element VTQ combines the advantages of state-of-the-art **E+E** thin-film manufacturing and of the newest transfer molding technology.

It operates on the hot-film anemometer principle and ensure high accuracy and outstanding resistance to pollutants. The **EE671** is available with fix installed cable or with plug connection.

NEW!



EE671



6

FEATURES

- *High accuracy and long-term stability*
- *Outstanding resistance to contamination*
- *Easy and quick mounting*
- *User configurable*

FLOW

SPECIFICATIONS

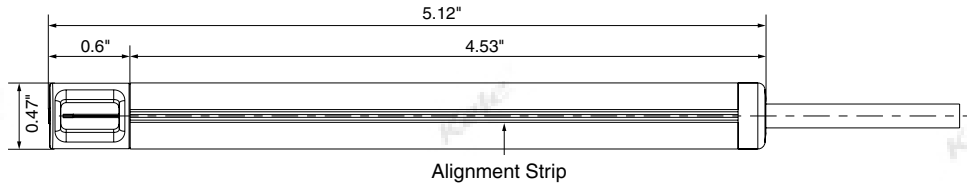
Supply Voltage	10-29 V DC	Operating Range Humidity	5...95% rh (non-condensing)
Supply Current	Max. 50 mA at 4000 ft/min	Connection	
Output Signal	0-1 V (max. 1 mA) 0-5 V (max. 1 mA) 0-10 V2 (max. 1 mA)	Cable version	1.6 ft, 6.6 ft cable, PVC, temperature-flexible, AWG 23 with ferrules
Measurement Range	0-1000 ft/min 0-2000 ft/min 0-3000 ft/min 0-4000 ft/min	Electromagnetic compatibility	EN61326-1 EN61326-2-3
Accuracy	Accuracy at 20°C (68°F), 100...1000 ft./min, 40 ft/min + 3% of measured value 45% RH, 1013 hPa (14.7 psi), 200...2000 ft/min, 60 ft/min + 4% of measured value 200...3000 ft/min, 70 ft/min + 5% of measured value, 200...4000 ft/min, 80 ft/min + 6% of measured value	Material / protection class	Polycarbonate / IP50 (probe head); IP54 (housing)
Response Time	typ. 4 sec or typ. 1 (at constant temperature)	Approvals	CE
Temperature Range		Warranty	1 year
Operation	-4° to 140°F (-20° to 60°C)	Note:	The accuracy statement includes the uncertainty of the factory calibration with an enhancement factor k=2 (2-fold standard deviation). The tolerance was calculated in accordance with EA-4/02 following the GUM (Guide to the Expression of Uncertainty in Measurement).
Storage	-22° to 140°F (-30° to 60°C)		

NEW!



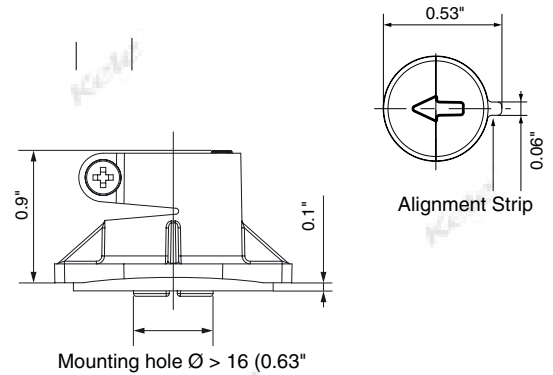
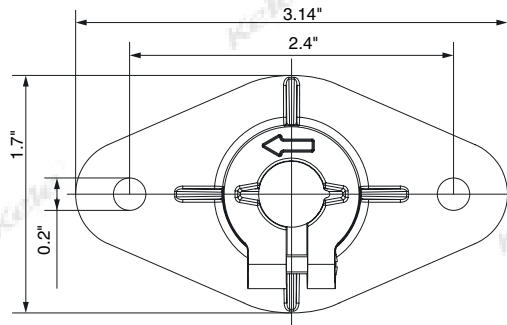
DIMENSIONS

Cable version



Front view
Measurement head

Flange (within the scope of supply)



Note: Remcomended for a maximum duct size of 7"

ORDERING INFORMATION

MODEL	DESCRIPTION
EE671V	Air Velocity Transmitter
	OUTPUT
1	0-1V
2	0-5V
3	0-10V
	MEASUREMENT RANGE
C	0 to 1000 ft/min
D	0 to 2000 ft/min
E	0 to 3000 ft/min
F	0 to 4000 ft/min
	DESIGN
K	Cable Version
	CABLE LENGTH
A	1.5 ft Cable
D	6.5 ft Cable

EE671V

1

C

K

D

Example: EE6711CKD EE671 air velocity transmitter, 0-1V, 0 to 1000 ft/min, cable version, 6.5 ft cable

ACCESSORIES

EE-PCA
HA010214

Product configuration adapter
Mounting flange