

## Reliable

Reliable flow measurement of combustion air

#### **Cost effective**

Exact volume control possible for optimal combustion process

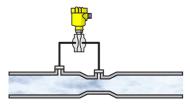
User friendly Easy setup



# Combustion air flow and volume measurement

To ensure an optimum combustion process in a coal-fired power plant, the amount of air flowing in the pipes leading to the furnace must be carefully monitored. A Venturi section of the air pipe is a defined constriction in which the pressure drops a few millibars proportional to flow rate. Differential pressure transmitter measures the pressure drop across the measuring section very accurately and calculates the air flow rate.

### More details





# **VEGADIF 85**

Differential pressure transmitter for flow measurement of combustion air

- High operational reliability through integrated overload diaphragm
- Universally applicable thanks to wide selection of measuring ranges and process fittings
- Measurement of extremely low differential pressures with high-precision
  instrument, even at high temperatures

## **Show Product**



PRO	
VEGADIF 85 Show Product	
and the second sec	
Measuring range - Pressure -40 40 bar	
Process temperature -40 105 °C	
Process press	sure
Accuracy 0.065 %	
Materials, wet 316L Tantalum Alloy C276 (2.4 Monel	
Threaded con 1⁄4 - 18 NPT	nection
<b>Flange conne</b> ≥ DN32, ≥ 1%"	ction
Seal material EPDM FKM Copper	
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	
Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)	



PRO