

#### Reliable

Functions reliably under all operating conditions

#### Cost effective

TOptimal plant operation

#### User friendly

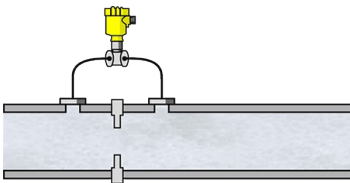
Simple installation and adjustment

## Steam pipeline

### Flow measurement in the steam pipeline

Steam is needed in the drying section of the paper machine. There it is used to heat the drying cylinders for drying the paper web. The steam is usually generated in the company's own power plant and fed in via an insulated supply line. To ensure optimal consumption and demand planning, the flow rate is continuously measured via an orifice plate with a built-in differential pressure transmitter.

[More details](#)



### VEGADIF 85

The differential pressure transmitter detects the flow rate in the steam pipeline with extreme accuracy

- High operational reliability thanks to SIL2/3 sensor
- Universally applicable thanks to wide selection of measuring ranges and process fittings
- Accurate measurement of extremely low differential pressures enabled by a high-precision transmitter

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**Measuring range - Pressure**

-40 ... 40 bar

**Process temperature**

-40 ... 105 °C

**Process pressure**

-1 ... 400 bar

**Accuracy**

0.065 %

**Materials, wetted parts**

316L  
 Tantalum  
 Alloy C276 (2.4819)  
 Monel

**Threaded connection**

¼ - 18 NPT

**Flange connection**

≥ DN32, ≥ 1½"

**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)