

Reliable

Functions reliably under all operating conditions

Cost effective

TOptimal plant operation

User friendly

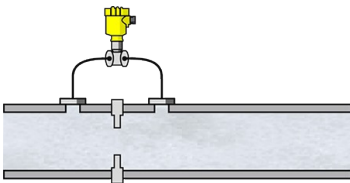
Simple installation and adjustment

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)