



Reliable

Reliable function under all operating conditions

Cost effective

Optimal plant operation

User friendly

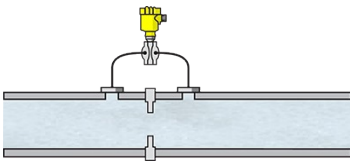
Simple installation and adjustment

Water vapour line

Flow measurement in the steam line

The pressure in the steam circuit has to be monitored at various points in the process. A reliable flow measurement is required especially at the inlets of the various pressure stages of the turbine. With a differential pressure transmitter, the flow rate can be accurately measured by means of the pressure drop across an orifice plate.

[More details](#)



VEGADIF 85

Differential pressure transmitter measures the flow rate in the steam line extremely accurately

- High operational reliability through SIL 2/3 sensor
- Universally applicable with a wide selection of measuring ranges and process fittings
- Measurement of extremely low differential pressures through high-precision measurement system

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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)