



#### Reliable

Reliable function under all operating conditions

#### Cost effective

Optimal plant operation

#### User friendly

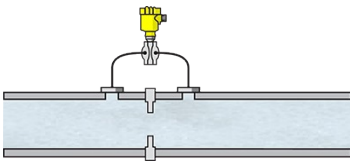
Simple installation and adjustment

## 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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**VEGADIF 85**  
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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)