

#### Reliable

Reliable measurements ensure consistent operation of the paper machine

### Cost effective

Differential pressure transmitters with pitot tube for low-cost oil flow measurement

#### **User friendly**

Convenient reading of the level directly at the measuring point



## Level and flow measurement in the hydraulic oil station

In the press section of a paper machine, very high pressures are needed for dewatering the stock. Hydraulic oil stations provide the supply to the various parts of the machine as well as filtering and cooling the recirculating lubrication system. Integrated pumps provide oil to the required locations and to enable fully automatic operation of the station, the flow rate and the level in the supply tanks must be measured.

#### More details





#### **VEGADIF 85**

Flow measurement in the hydraulic oil line via differential pressure

- Reliable flow values ensure high operational reliability of the paper machine
- Cost-effective flow measurement with differential pressure and pitot tube
- Direct mounting of the differential pressure transmitter at the measuring point

# **Show Product**

## **VEGABAR 38**

Hydrostatic level measurement in the oil supply tank

- Abrasion and overload resistant ceramic measuring cell guarantees high reliability
- Additional recording and display of the oil temperature

#### **Show Product**



PRO	BASIC
VEGADIF 85 Show Product	VEG Shov
T	
Measuring range - Pressure -40 40 bar	Measuring range - Press
Process temperature -40 105 °C	Process temperature -40 130 °C
Process pressure -1 400 bar	<b>Accuracy</b> 0.3 %
Accuracy 0.065 %	Materials, wetted parts PVDF 316L
Materials, wetted parts 316L Tantalum	Duplex (1.4462) Ceramic
Alloy C276 (2.4819) Monel	Threaded connection $\geq G^{1/2}, \geq 1/2$ NPT
Threaded connection ¼ - 18 NPT	Hygenic fittings Clamp ≥ 2", DN50 - DIN32 Clamp ≥ 1" - DIN32676, IS
Flange connection ≥ DN32, ≥ 1%"	Clamp ≥ 1½" - DIN32676, Slotted nut ≥ 1½", ≥ DN40 Slotted nut ≥ DN25 - DIN 1
Seal material EPDM FKM Copper	SMS DN38 Hygienic fittings ≥ DN25 - Hygienic fittings ≥ DN40 - Varivent N50-40
<b>Housing material</b> Plastic Aluminium	SMS DN25 Ingold connection PN10 Varivent F25
Stainless steel (precision casting) Stainless steel (electropolished)	Seal material EPDM FKM
Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP67	FFKM Housing material
IP66/IP68 (1 bar)	Plastic Protection rating IP66/IP67

# je - Pressure rature

VEGABAR 38 **Show Product** 

0 - DIN32676, ISO2852 32676, ISO2852 IN32676, ISO2852 , ≥ DN40 - DIN 11851 25 - DIN 11851 DN25 - DIN11864-1-A ≥ DN40 - DIN11864-1-A PN10 al

IP66/IP67 IP65

Output 4 ... 20 mA

Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link

