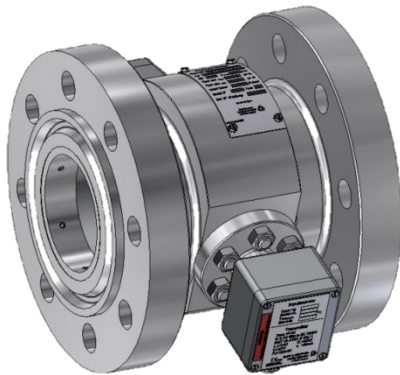


TURBINE METER RQ PV

MAIN CHARACTERISTICS



Product Type:	indirect volumetric meter
Application:	for quantity measurements of liquids in custody transfer up to a viscosity of approx. 30 mPa·s
Measuring accuracy:	up to ± 0.3 % (1:10) / ± 0.15 % (1:5, with inlet and outlet) of measured value
Ex-approval:	Zone 1
Process temperature:	-60°C up to 120°C / 250°C
Process pressure:	up to 100 bar
Housing material:	stainless steel, cast steel, Hastelloy
Wetted parts:	stainless steel, sapphire or tungsten carbide bearing
Power supply:	NAMUR
Output / Display:	Pulse output acc. to NAMUR, 1- or 2- channel (for connection to a flow computer)
Process connection:	Flange acc. to DIN or ANSI
Special features:	low pressure drop, high resolution Version according to NACE MR 0175, version with up to 3 pulse generators possible

MEASURING RANGE

Nominal size	m³/h	Pulses			Inlet pipe section mm	Outlet pipe section mm
		Pulses/n	Pulses/l	Hz _{max}		
DN15 / ½"	0.6 - 6	4	~310	517	180 (12xDN)	160
DN25 / 1"	1.8 - 18	4	~105	525	240 (12xDN)	160
DN40 / 1¼"	4.2 - 42	4	~22	257	400	200
DN50 / 2"	7.2 - 72	4	~12.4	248	500	250
DN65 / 2½"	12 - 120	4	~6	200	650	325
DN80 / 3"	18 - 180	12	~15	750	800	400
DN100 / 4"	30 - 300	10	~6	500	1000	500
DN150 / 6"	60 - 600	18	~3.4	567	1500	750
DN200 / 8"	120 - 1200	24	~1.84	613	2000	1000
DN250 / 10"	180 - 1800	40	~1.24	600	2500	1250
DN300 / 12"	240 - 2400	44	~0.78	520	3000	1500

SUPPLY

NAMUR

OUTPUT SIGNALS

Volume proportional pulses, connection: 2-wire technology

Further information and product variants are available on request

