

OVAL WHEEL METER OP AG44 / UST



MAIN CHARACTERISTICS

- Product Type: direct volume meter (Double-Case)
- Application: for flow and volume measurement of liquids of medium viscosity
- Measuring accuracy: up to $\pm 0.3\%$ of measured value (optional $\pm 0.15\%$)
- Ex-approval: Zone 1
- Process temperature: -10°C up to 110°C
- Process pressure: up to 40 bar on request
- Housing material: stainless steel, cast steel
- Wetted parts: stainless steel
- Power supply: NAMUR or 24 VDC 2-wire technology
- Output / Display: 4-20 mA / HART®, NAMRUR pulses / LCD-Display
- Process connection: Flange acc. to DIN or ANSI
- Special features: very easy installation, no inlet and outlet pipe section required, 10-point linearization

MEASURING RANGE

Viscosity in mPa·s				< 0.3	0.3 – 1.5	1.5 - 150	150-350	350-1000	1000-3000
Type	DN	Q _{max} [l/min]	Flow rate	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]	[l/min]
OP15	15	30	min	4.5	5	3	1.5	0.075	0.25
			Continuous	9	19.8	19.8	15	7.5	2.5
			max	22,5	27	27	15	7.5	2.5
OP20	20 / 25	50	min	8	5	5	2.5	1.25	0.45
			Continuous	10	33	33	25	12.5	4.5
			max	40	50	50	25	12.5	4.5
OP32	32	100	min	8	10	10	7	3.5	1.2
			Continuous	16	66	66	70	35	12
			max	80	100	100	70	35	12
OP40	40	150	min	12	15	15	9	4.5	1.5
			Continuous	24	99	99	90	45	15
			max	120	150	150	90	45	15
OP50	50	150	min	50	30	30	18	9	3
			Continuous	100	198	198	180	90	30
			max	250	300	300	180	90	30

OPTIONS

- Pulse pick-up: AG44 (blind version)
- Electronic local display: UST

Further information and product variants are available on request

