

OVAL WHEEL METER OC WITH MFE

MAIN CHARACTERISTICS



Product Type:	direct volume meter (Single-Case)
Application:	for liquids
Measuring accuracy:	up to ± 0.5 % of measured value (optional ± 0.25 %)
Ex-approval:	Zone 1
Process temperature:	0°C up to 70°C
Process pressure:	up to 16 bar
Housing material:	AISI 304, Aluminium
Wetted parts:	AISI 304, Aluminium
Power supply:	battery, 24 VDC, 4-20 mA two-wire device
Output / Display:	4-20 mA, pulse output, digital display
Process connection:	male thread (R) / female thread (G)
Special features:	compact version, high resolution

MEASURING RANGE

Viscosity in mPa·s		< 0.3	0.3 – 1.5	1.5 - 150	up to 350	
Type	DN	Flow rate	[l/min]	[l/min]	[l/min]	[l/min]
OC 5	G ¾"	min	8	5	5	2.5
		Continuous	16	33	45	25
		max	40	50	50	25
OC 5	R 1"	min	8	5	5	2.5
		Continuous	16	33	45	25
		max	40	50	50	25
OC 10	G 1"	min	16	10	10	7
		Continuous	33	70	80	70
		max	80	100	100	70
OC 10	R 1 ½"	min	16	10	10	7
		Continuous	33	70	80	70
		max	80	100	100	70

SUPPLY

MFE-1 and MFE-2: Lithium-battery 3.6 V
MFE-3: 24 VDC

OUTPUT SIGNALS

MFE-1 Display
MFE-2 Display, pulses 100 Pulses / Liter
MFE-3 Display, pulses 100 Pulses / Liter, current output 4-20 mA

Type	Pulse/L	Freq./Hz
OC 5	100	83.3
OC 10	100	83.3

Further information and product variants are available on request

