

OVAL WHEEL METER FLOWAL® PLUS OF



MAIN CHARACTERISTICS

- Product Type: direct volume meter (Single-Case)
- Application: for liquids
- Measuring accuracy: up to ± 0.3 % of measured value (optional ± 0.25 %), > 3 mPa·s
- Ex-approval: Zone 1
- Process temperature: -40°C up to 130°C
- Process pressure: up to 68 bar
- Housing material: stainless steel, Aluminium, PVDF, Polypropylene
- Wetted parts: stainless steel, PEEK
- Power supply: NAMUR, NPN, PNP, battery, 24 VDC
- Output / Display: 4-20 mA, pulse output, digital display
- Process connection: Flange acc. to DIN or ANSI
- Special features: Low pressure loss, maintenance-free, blind version with 2-channel pulse pick-up can be used in custody transfer metering systems

MEASURING RANGE

Material: oval wheels made of stainless steel

Viscosity range in mPa·s		0.3 – 1.5	1.5 - 150	150 - 350	350 - 1000	1000 - 3000
Type	Process connection	$Q_{\min} - Q_{\max}$ (l/min)	$Q_{\min} - Q_{\max}$ (l/min)	$Q_{\min} - Q_{\max}$ (l/min)	$Q_{\min} - Q_{\max}$ (l/min)	$Q_{\min} - Q_{\max}$ (l/min)
OF1	DN 15	0.4 – 10	0.4 – 10	0.2 – 7.5	0.1 – 2,5	-
OF2	DN 15	1 – 30	1 – 30	0.4 – 11	0.3 – 4	-
OF10	DN 25	4 – 100	4 – 100	2 – 70	1 – 35	1 – 12
OF50	DN 50	15 – 300	15 – 300	4 – 180	3 – 90	2 – 30
OF115	DN 50	35 - 660	35 - 660	10 - 480	6 - 240	3 - 100

Material: oval wheels made of PEEK

Viscosity range in mPa·s		0.3 – 1.5	1.5 - 150
Type	Process connection	$Q_{\min} - Q_{\max}$ (l/min)	$Q_{\min} - Q_{\max}$ (l/min)
OF1	DN 15	0.4 – 14	0.4 – 14
OF2	DN 15	1 – 30	1 – 30
OF10	DN 25	4 – 120	4 – 120

Further information and product variants are available on request

