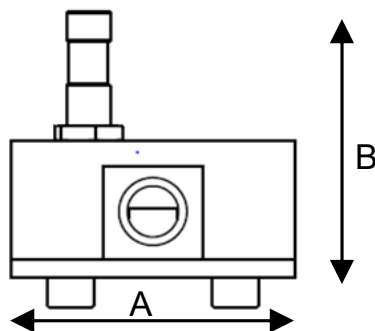


HySense® QO 400

The **HySense® QO 400** is a versatile oval gear flow meter that can be used to measure both volume and flow rate in machine building, plant automation, and process instrumentation applications. Its design and materials make it a perfect fit for use with corrosive fluids, acids, bases, solvents, and dyes. Moreover, its excellent chemical compatibility, combined with resistance to temperatures of up to 125 °C, make it the very definition of a high-end oval gear flow meter.



Actual product similar to picture



General characteristics

Fluid	Acids, bases, corrosive fluids, cleaning agents, coolant*
Flow range	0.03 ... 660 L/min
Output signal	PNP
Viscosity range	Max. 3000 mPa·s
Measuring accuracy	±0.5% of reading
Fluid temperature	-40 °C ... 125 °C*
Ambient temperature	-40 °C ... 125 °C*
Max. operating pressure	68 bar
Housing material	Stainless steel*
Oval gear material	Stainless steel*
Seal material	FKM / EPDM*
Electrical measuring connector	M12 x 1
IP degree of protection	IP67 (DIN EN 60529)

* More available upon request

Flow rate	Measuring range L/min	G ISO 228	A mm	Bmax mm	Part No.
1 L/min	0.03 ... 1	G 1/4	78	96	32EV-1A-10.00
5 L/min	0.2 ... 5	G 1/2	78	101	32EV-2B-10.00
30 L/min	1 ... 30	G 3/4	99	120	32EV-4C-10.00
100 L/min	4 ... 100	G 1	112	152	32EV-6D-10.00
300 L/min	3.0 ... 300	G 2	220	213	32EV-7E-10.00
660 L/min	35 ... 660	G 2	260	271	32EV-8E-10.00

The HySense® QO 400 will be available starting in mid-2020

Available in various versions upon request:

- I Additional output signals
- I Other flow ranges
- I Higher measuring accuracy
- I Other materials
- I Other calibration viscosities
- I With multi-function electronics (implemented display and output signal)

