



Mechanical working volumetric oval gear flow meter put together in modules (building blocks), with or without mechanical pointer indicator. Due to a number of different building block the flow meter can be adapted to any requested mechanical execution. Also a number of different pick-up modules – including Ex certified – can be supplied, which enables the user to connect the flow meter to external instrumentation and converters.

The new flow meter series (COGEM) released in 2004 and which series is operating with an electronic indicator only, does have the build in facility of linearization of the indication. COGEM can be supplied with either mentioned indicator or as blind unit with pulse output.

Capacity:	from 1 l/min. to 2500 l/min. @ 1 -120 cSt
Dynamic measuring range:	up to 20:1 (COGEM up to 50:1) @ 1 -120 cSt
Accuracy:	from +/-0,3% of rate @ 1 - 120cSt (COGEM with linearization even better)
Repeatability:	+/-0,03% under same operation conditions
Pressure range:	up to 25 bar
Temperature range:	depending of meter type and pick-up system from -25 to +170°C
Liquid viscosity range:	1.....100.000 cSt
Materials:	Ductile iron GGG-25, Carbon Steel and Stainless steel (SS316)
Sizes:	from DN10 to DN100
Process connections:	standard with DIN flanges but ANSI and JIS flanges, threaded connections as well as other connections can be supplied upon request.

Typical applications:

Measurement of clean Newtonian liquids like for instance within the following -
Consumption measurement on diesel engines (diesel oil to heavy fuel oil), bitumen and bitumen emulsion, hydraulic oil measurement, lubrication oil measurement, batching of light to medium lubricating liquids etc.

Contact us or get further information on: www.vemmtec.de