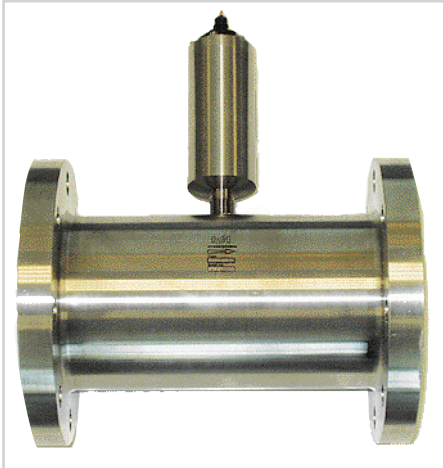


TURBINE FLOW METERS

for sub-sea applications



The Flowtechnik range of sub-sea turbine flow meters are suitable for use on nearly all low- to medium-viscosity fluids including oils, fuels or water. Constructed from 316 stainless steel and available in either male or female BSP/NPT threaded connections, or with a variety of flanged connections, there is a configuration to meet your requirements.

12 bore sizes are available from 1/2" (2-20 L/min) through to 6" (900-9000 L/min). The turbines are available with two output options: either a 2 wire, 4-20mA analogue signal proportional to flow rate; or a 3 wire, square wave pulse.

The sensor housings are constructed from 316 stainless steel and are potted to withstand depths of down to 3000 metres. The sensors are available with either a neoprene flying lead ready for inhouse moulding or with a Seacon connector. Each turbine is supplied wet calibrated with a traceable 5 point certificate. Spare sets of calibrated internals are available. If your application does not meet our standard specs then a bespoke design and build service is available, offering individual options on connection type, output type, flow range, maximum differential pressure etc.

Please call a member of our engineering team to discuss your requirements further. The sub-sea range of turbines provide an accuracy level of $\pm 0.5\%$ (of reading), and a repeatability figure of $\pm 0.1\%$. They are exceptionally reliable and have a proven track record in the field (references available on request).



Subsea test/sampling or charging points for oils and gases.

Hydrotechnik can supply testing, sampling or charging points for subsea applications using world renowned minimess product range. We can supply test points for use down to 3000m and internal pressure up to 630 bar.

- 316Ti Stainless steel or monel material
- Unique triple sealing and poppet self sealing internal mechanism.
- Wide range of fluid and gas compatibility
- Large range of connection options.



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