

Helical turbine flosensor & meter s.s. series

CLELI

Stainless steel helical rotor flowsensor & meter for high viscosity fluids.



• Description

Helical rotor flow sensor and meter specially for application where liquid is not pure and require easy and low weight flow meter with a very favorable low pressure drop behavior therefore perfectly suited for the flow measurement of high viscosity fluids. Due to wide measuring ranges, high accuracy and resolution.

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DISCLAIMER: Th Tech Engineering srl operates a policy of continuous product development.
We reserve the right to change specification without prior notice.

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Technical data	
Enclosure	SS 316 / SS 304 / customer request
Turbina	Stainless steel
Shaft	S.S. 316
Bearing	Tugsten carbide / Hard S.S. / ceramics with S.S. ball
Accuracy	±0,25% / 1% FSD
Repeatability	0,02%
Max Pressure	100 / 400 / 1000 bar
Process Temp.	-40 + 120/150 °C

● Applications

- Fuel oil
- Petrolchemical products
- Fat and oils with varying viscosities
- Water / Glycol mixtures
- Crude oil, furnace oil and all viscous liquid even viscosity change with temperature
- Water, water dispensing, tea, coffee, wine, juice and other food liquid measurement and dispensing.

Model	Size	Connection	Range
CLELI - 004	4mm	½" GAS-M	40 - 400 l/h
CLELI - 012	12mm	1" GAS-M	600 - 6000 l/h
CLELI - 025	25mm	1½" GAS-M	1.000 - 10.000 l/h
CLELI - 040	40mm	2" GAS-M	2.000 - 20.000 l/h
CLELI - 050	50mm	2½" GAS-M	4.000 - 40.000 l/h
CLELI - 080	80mm	4" GAS-M	10.000 - 100.000 l/h