

SUBSEA TURBINE FLOW METER

Ideal for Subsea Applications such as Valve Actuation & Testing on Subsea Equipment and ROVs.



TECHNICAL SPECIFICATIONS

Measuring Accuracy
± 1.0% of reading or better

Flow Measuring Range
Up to 16 GPM (gal/min)

External Pressure
Up to 7,200 psi

Maximum Operating Pressure
Up to 20,000 psi

Process Connection
Autoclave*

Temperature Range
-40° to 250° F (-40° to 121° C)

Electrical Connections
6-pin receptacle (or customer specified for custom meters).

Output
Amplified pulse or 4-20mA output.

*Contact factory for additional options.

BENEFITS

Made for Subsea Environment

Designed to withstand the harsh subsea environment, there is no need for a pressurized container.

Sealed Electronic

Completely sealed electronics, there is no need for subsea electronics module canister space.

Versatile

Available in multiple flow ranges.

Customizable

Our engineers will work with you on customized materials or port configurations to meet your specific application requirements.

Rugged Construction

The sturdy construction of this turbine flow meter means high performance and longer service life.

MATERIALS OF CONSTRUCTION

Body & Rotor Support	316 Ti
Rotor	329 Stainless Steel
Bearings	Tungsten Carbide

TRANSMITTER

Supply voltage	+7 up to 29 VDC
Quiescent Current	< 5 mA
Frequency Range	2 up to 2,000 Hz
Ambient Temperature	-40 to 250°F (-40 to 121°C)
Housing	316 Ti
Electrical Connection	6-pin receptacle no. 1370046-101*

*Other options available upon request.

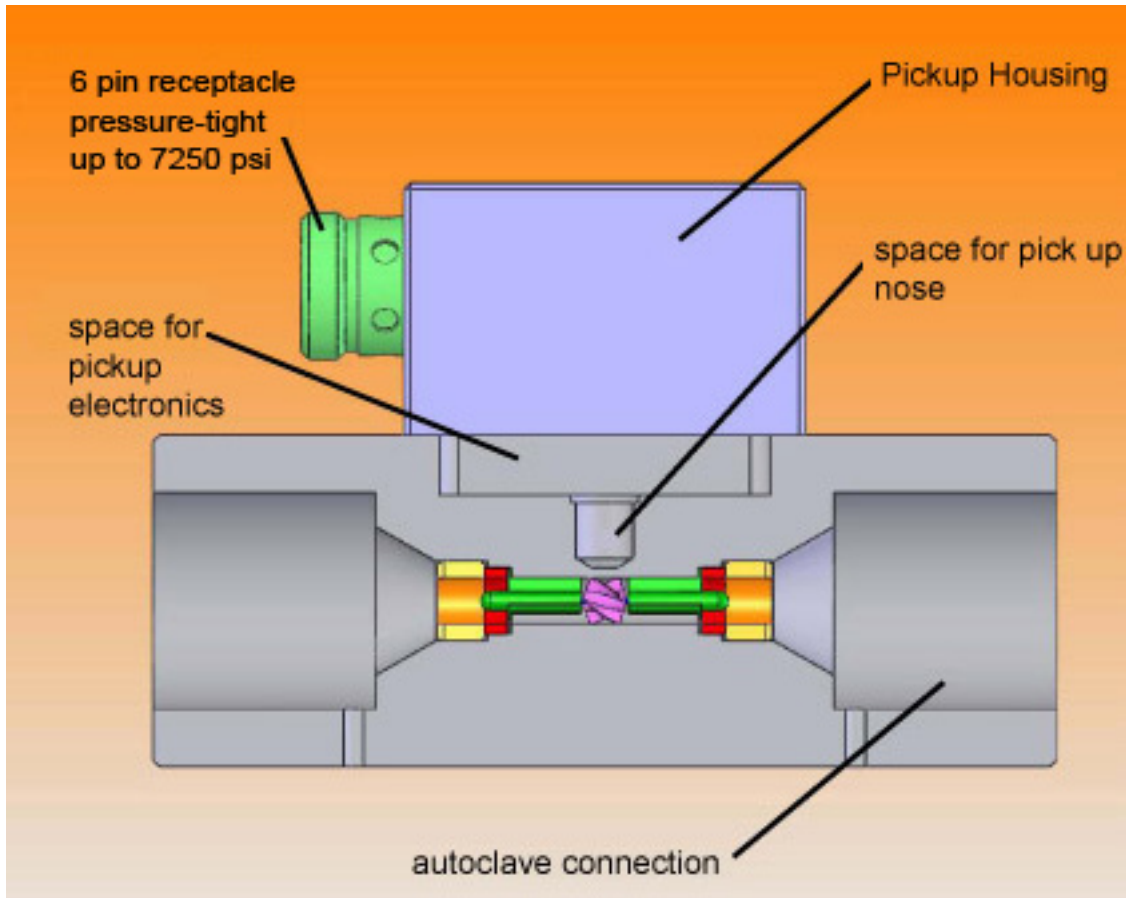
METER SPECIFICATIONS

Part Number	Range (gal/min)	Connections	Operating Pressure	Overall Length	Meter Dimensions
HM-003/AC-71-9/16"-C1-TC01-S01	0.08 to 0.4	9/16" Autoclave	20,000 PSI	3.5 Inch	2 in X 3.50 in
HM-009/AC-71-1"-C1-TC01-S01	0.87 to 8.72	1" Autoclave	20,000 PSI	5.3 Inch	2 in X 3.50 in
HM-011/AC-71-1"-C1-TC01-S01	1.5 to 15.8	1" Autoclave	10,000 PSI	5.5 Inch	2 in X 3.50 in

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METER / SENSOR DETAILS



Products may be subject to change without notice - Contact factory for the most up-to-date product information.