

SPONSLER INSERTION SERIES TURBINE FLOWMETER...

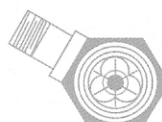
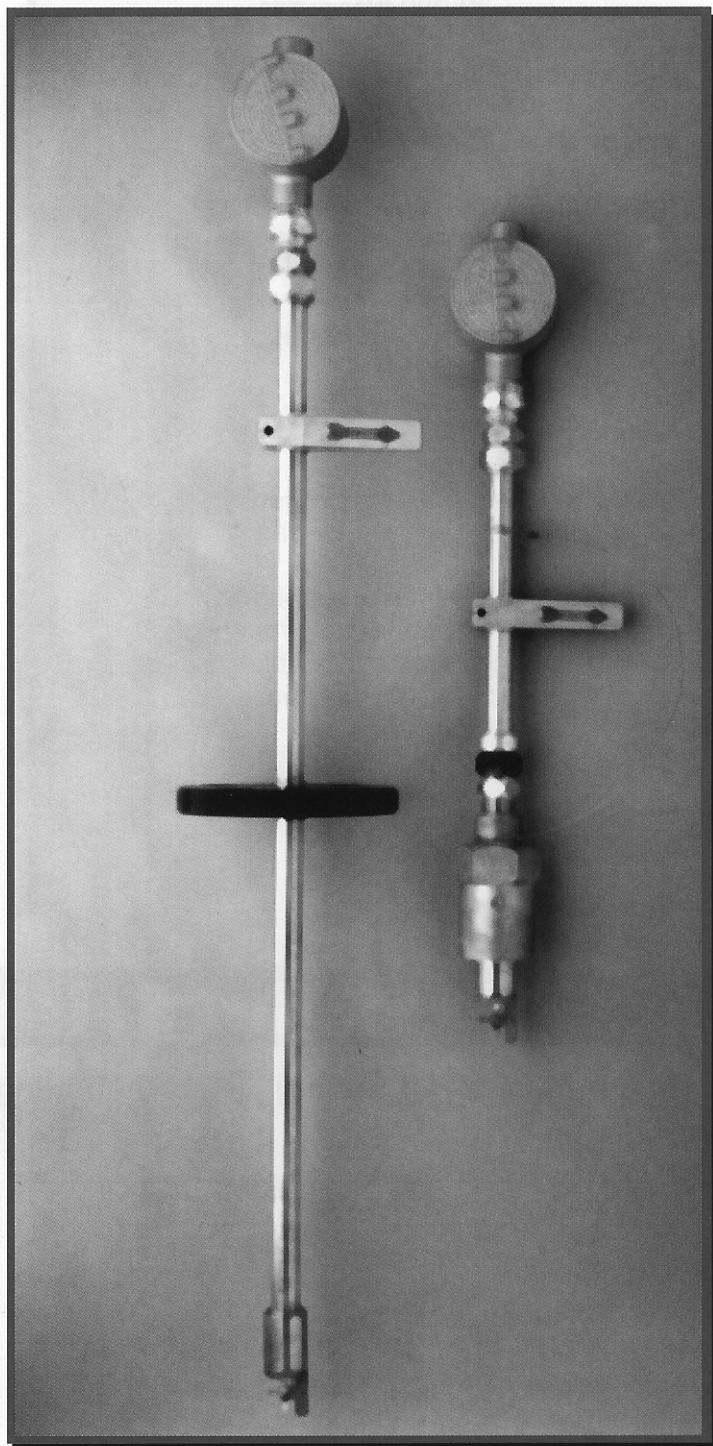
Is suitable for liquids or gases. It is designed for retractable operation to meet varying depth applications. The unit can be manufactured with a stem length of 12-36" to allow for installation in pipelines from 3 to 36 inches.

The insertion meter comes standard with a 2" FNPT fitting for attaching to a pipeline. An alignment handle is provided to assist in the insertion and retraction operation permitting proper alignment during installation.

This is an ideal device for those users requiring reliable, low cost measurement in both new and existing systems.

Features

- Portability
- Attitude Insensitive
- Custom and Standard Design
- Low Cost Maintenance
- Installation / removal without line shutdown
- Made in the USA



SPONSLER CO., INC.

Flow Measuring Devices and Controls

Specifications

Flow Range: 2-40 ft/sec. liquid
20-200 ft/sec. gas

Calibration: Standard 10 point

Linearity: +/- 1% of rate liquid or gas

Repeatability: +/- .25% over nominal
rated flow range for
liquid or gas

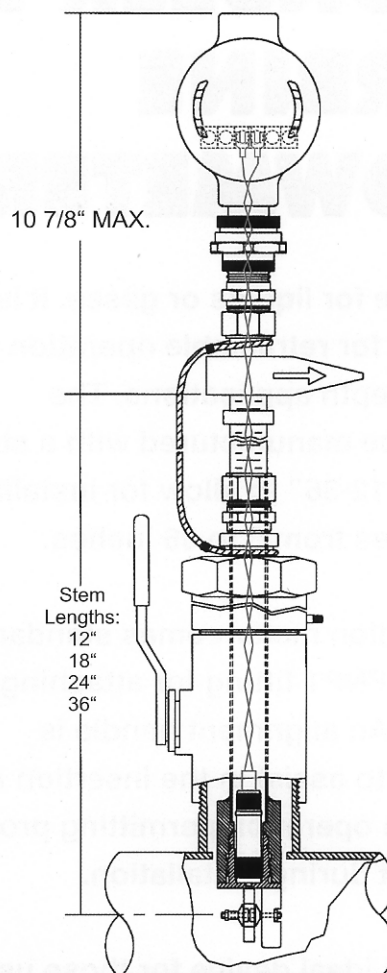
Materials: Standard 300 series
stainless steel

Temperature: -100 to +350° F

Max. Pressure: 150psig for liquid
100psig for gas

Outputs: Directly interfaces with SCl
instrumentation. A variety of
amplifiers are available for direct
interface with existing
instrumentation.

Installation



Model Selection Guide

IS1 1/2 - (Bearing) - (Rotor) - (Fitting) - (Material) - (Stem) - (Oring)

Example: CB PHL FA 4 24 N

Bearing Type	Rotor Type	Fitting	Material	Stem	Oring Material
CB= Cryo Ball	PH7= 7° Gas	FA= 2" FNPT	4 = 304 SS	12 = 12"	N = Buna N
MB= Metal Ball	PH12= 12° Gas	FL= 3" Flanged	4L= 304L SS	24 = 24"	C = Neoprene
TS= Teflon	PH15= 15° Gas	S= Special	6 = 316 SS	36 = 36"	E = Ethylene Propylene
GS= Graphitar	PHL= Liquid		6L= 316L SS		V = Viton
FS= Fluorosint					S = Silicon