

CANTY

PROCESS TECHNOLOGY

INFLOW™ SLS

VISION-BASED ANALYZER WITH SHORT LOOP SAMPLER

Combines a CANTY INFLOW™ vision-based analyzer with a short loop sampler for easy installation on a variety of larger line sizes. The analyzer uses the latest in CCD / CMOS Ethernet camera technology with CANTY fused glass, lighting and CANTYVISIONCLIENT™ software, the INFLOW™ SLS System provides real time In Flow measurement of OIL ANALYSIS / WATER ANALYSIS / FUEL ANALYSIS.

Each unit can be fully integrated into existing TCP/IP networks. CANTYVISIONCLIENT™ software is installed on a user-supplied PC, and connected to the INFLOW™ measurement system via an Ethernet network. Images of the process can be viewed from any networked PC. The live images are remotely analyzed by CANTYVISIONCLIENT™ software. A comprehensive library of standard utilities and data functions provide a multitude of *real-time* process information.

The CANTY INFLOW™ System uses a 0-1/2" variable insertion measurement gap. This insertion is made possible by the Fuseview™ sight glass, which allows the optical fused pieces to be located in the center of the fluid stream, which is unique to the CANTY system. The fused glass seal contains no gaskets, ledges, or steps allowing the highest velocity and keeps the sensor clean, even in the harshest of environments (crude oil, drilling mud, etc.). The fused glass seal location keeps the sensor in line with the process temperature to avoid product build up due to thermal change. The image processor can be configured with multiple zone sensing on the image of the fluid. The results from the zones can be compared to base line values for reliability and alarm on detection of a problem.



FEATURES

- Easily Installed Modular Unit
- Allows analyzer to be isolated, allowing for calibration & service
- Versatile sampling, single-point sampling & return.
- Ethernet Connectivity - Wired or Wireless by End User
- Real Time Monitoring Of Process In Flow
- High Pressure / Temperature Fuseview™
- Fused Glass Process Barriers - Self Cleaning
- LED Light Source provides consistency & long life
- OPC, 4-20mA Current Loop, EXCEL spreadsheet and Relay Outputs Are Available

ADVANTAGES

- Integrated sampling port
- Cleaning external to the process line
- Provides Both A Real Time, In Flow Measurement And A Continuous Real Time View Of The Product
- Optional Jet Spray Ring
- Utilizes CANTY LED Light and Fused Glass
- Available In NEMA4, IP66, Explosion Proof or Flame Proof Packages
- No Purging Needed with Standard Lighting

COMMON APPLICATIONS

- | | | |
|----------------------------|----------------|----------------|
| • Oil in Water (PPM / PPB) | • Fuels | • Crude Oil |
| • Lube Oil | • Jet Fuel | • Water In Oil |
| • Water Cut | • Gas Analysis | • Emulsions |

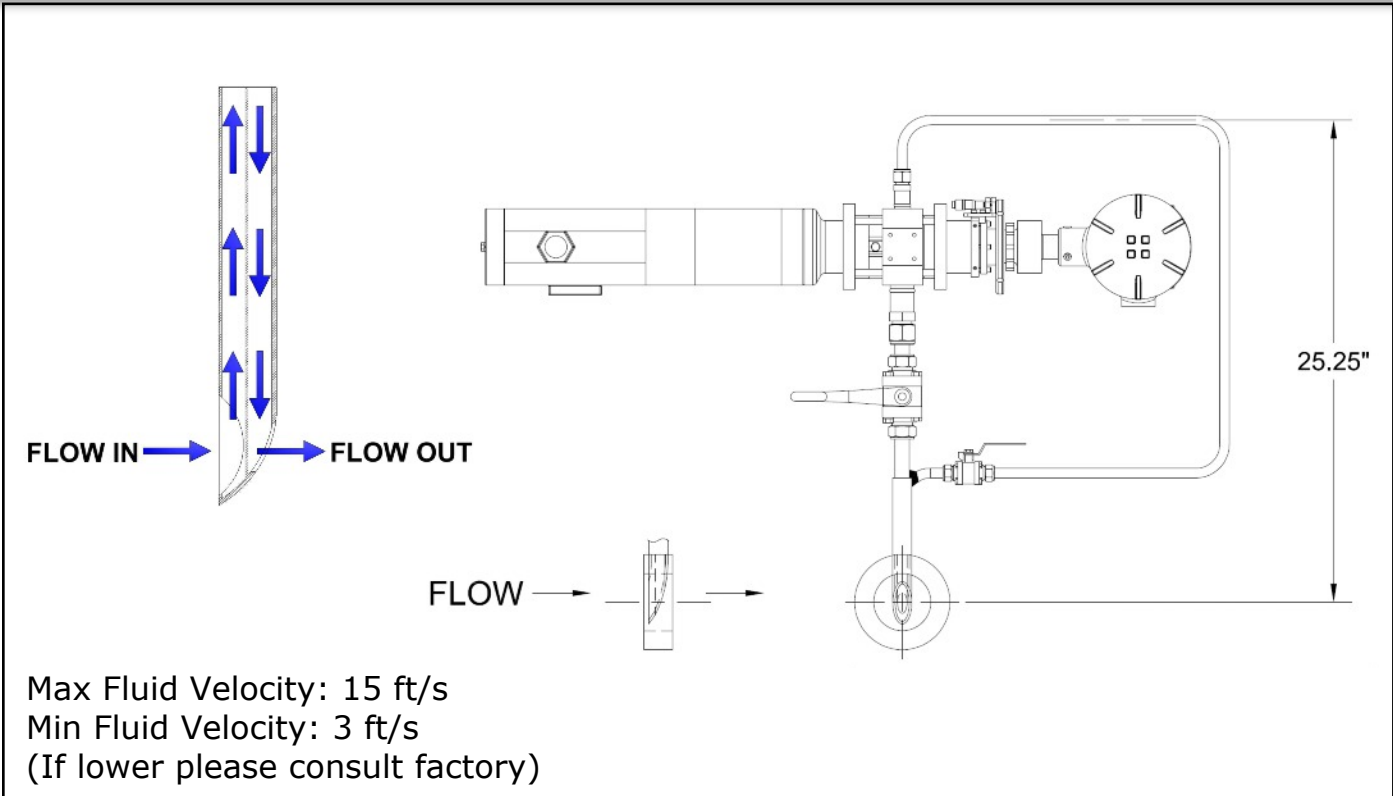
CANTY

Buffalo, NY USA
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Dublin, Ireland
Ph: + 353 (01) 882 9621

Phuket, Thailand
Ph: + 66 (83) 968 9548

MOUNTING CONNECTIONS



Ordering Information

HOW TO ORDER: Select the appropriate symbols and build a part number :

EXAMPLE:

S L S - V O 6 B 1 1 1 A A 1 V 3

SYSTEM
SLS - Short Loop Sampler

APPLICATION
O - Oil In Water
J - Jet Fuel / Lube Oil
W - Water in Oil

WETTED METAL MATERIAL / SAMPLER MATERIAL
1 - 316L Stainless Steel
2 - Hastelloy® C276 or equal
3 - Hastelloy® C-22® or equal
4 - Carbon Steel

NON-WETTED METAL MATERIAL(PRESSURE BEARING)
1 - 300 Series Stainless Steel

SAMPLER LINE SIZE	
3 - 3"	8 - 8"
4 - 4"	9 - 10"
6 - 6"	A - 12"
	X - Custom, up to 80"

INTERNAL SEAL MATERIAL	
B - BUNA	N - NEOPRENE
V - VITON®	K - KALREZ®
S - SILICONE	C - CHEMREZ®
E - EPDM	

ENVIRONMENTAL RATING
1 - NEMA 4 WEATHERPROOF
2 - IP 66
3 - EXPLOSION PROOF
4 - FLAME PROOF

ANSI OR DIN PRESSURE RATING / FLANGE PATTERN	
ANSI	DIN
A - 150 PSI	D - 10 BAR
B - 300 PSI	E - 16 BAR
C - 600 PSI	F - 25 BAR
Consult factory for pressure rating up to 10,000 PSI.	

INPUT POWER
A - 120 V AC / 60Hz / 250W
B - 230 V AC / 50Hz / 250W

The CANTY Vector Control Module is required for this equipment to operate. For additional information on the Vector Control Module, see the [VCM datasheet](#) (TA11500-1034).

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