

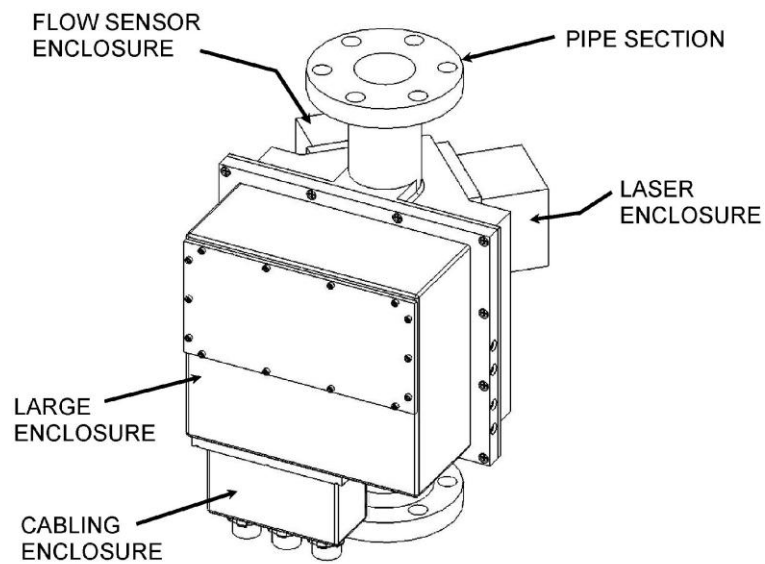


PHYSICAL SCIENCES INC.

AGN series Inline Fuel Contamination Monitor

SPECIFICATIONS	
General	
Fuels supported	Aviation (JP-5), Diesel marine (F-76)
Contaminants detected	Particulates, free water
Principle of operation	Optical scattering
Measurements	
Particulate	0 – 10 mg/L ±0.5 mg/L or 20%
Free water	0 – 20 ppm (JP-5) 0 – 80 ppm (F-76) ±2 ppm or 20%
Response time	2 seconds (45 second running average filter)
Interfaces	
Electrical power	115 VAC, 30 Watts (external fuse recommended)
Data Output	10/100 Ethernet on 62.5um core multimode fiber (ST connectors) TCP/IP-based data packets (socket and broadcast protocols included)
Operational Temperature	0-80 °C
Operational Pressure	0-250 psi
Pipe diameter	2", 4", 6", or 8" nominal ID
Materials	Pipe: Stainless Steel (316L) Wetted parts: acrylic windows, Buna O-rings
Flange	ANSI B16.5, 150 lb rating, flat or raised, concentric spiral finish

	2-inch	4-inch	6-inch	8-inch
Flow rate (gpm) max	193	771	1735	3084
Length (in)	18	18	18	18
Width (in)	12	12.5	14.5	17
Height (in)	11	12	14.5	16.5
Dry weight (lbs)	60	78	110	150
Fluid volume (cu in)	296	358	454	586



Part numbering information

AG2-ANSIF-150-FO-F76

Model and Piping Size	Flange Type	Fluid type
AG2 (2-Inch)	ANSIF (ANSI Flat)	JP5 (JP-5 jet fuel, default if not specified)
AG4 (4-Inch)	ANSIR (ANSI Raised)	F76 (F-76 diesel fuel oil)
AG6 (6-Inch)		
AG8 (8-Inch)		