

GPP Controller

General Purpose Oil in Water - Measurement and Control

Customer inspired innovation

Leveraging decades of innovation experience in the Oil & Gas industry, Inov8 Systems introduce the next generation of products for General Purpose Markets in Industrial and Waste Water Applications.



Features

- Unique to the industry - rapid wave ultrasonic self cleaning
- Low power DC voltage requirements
- Multiple Communication options for Management Capabilities
- Probe with integrated Control
- Adjustable flange mount for probe insertion depth
- Integrated Colour Display
- Less than 12KG weight - easy to transport

Benefits

- Low cost of ownership with no regular maintenance, no routine calibration
- Simple to use intuitive interface for set-up and control
- Lightweight and easy access to instrument without removing from the process
- Minimal installation requirements (24VDC)
- Remote Monitoring and Automatic Process Control
- Continuous real-time measurements; <1 sec response time to process changes
- 24 months standard warranty on parts

Technical Specifications

OPERATING CONDITIONS:

Ambient Temperature	-20C to 60C
Process Temperature	-20C to 200C
Design Pressure	100barg (higher options available)
Standard Operating Pressure	0 - 10barg (higher options available)
Flow Velocity	10 m ³ /s nominal

MECHANICAL:

Dimensions	Probe length 0.75m to 5.0m
Weight	<9.8KG
Process Connections	2" ANSI Flange (others sizes available)
Wetted Parts	316L SS Standard (others available)
Non-Wetted Parts	316L SS
Enclosure / Probe	IP66

CONTROLLER INTERFACE:

Analogue	2 x 4-20mA, HART (optional)
Ethernet	10/100 Mbps
Wifi	

MEASUREMENT:

Light Source	Solid State CW 3mW Laser
Measurement Method	Fluorescence Spectrometry
Range	PPB - 10,000 PPM
Accuracy	+/- 1%
Sample Rate	< 1 sec
Repeatability	< +/- 1%

ELECTRICAL:

Power Voltage / Current	24VDC / 6A
Power Consumption	20W nominal, 140W peak
Cable Entries	2 entries - M20x1.5mm (3/4 NPT option)

COMPLIANCE:

CE Certified	
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