

HydroCarbon-ID™

OPERATIONAL EXCELLENCE & CRITICAL/QUALITY ALERT



General Purpose (GP) pictured

IDENTIFY HYDROCARBONS IN WATER IN REAL-TIME & A NON-INTRUSIVE INSTALLATION

- » Real-time Product Quality Assurance
- » C1D1 Certified or General Purpose
- » Non-intrusive Installation
- » Installs on 2" - 36" Pipe
- » Typically to/from a storage location
- » Capital Purchase or Lease Option Available
- » WiFi, Cellular, or Modbus Communications Options
- » Small Footprint (wraps outside of pipe)
- » Low Power (24 VDC Hardwired)

ORDERING PROCESS: (EXAMPLE: **HC1000A:B1:08:PC:EX:D1:1:W1:Y:HW**)

	BASE MODEL	HOUSING	PIPE SIZE	MOUNTING		CLASS	ID DB	POWER	MODBUS	EDGE	ES COMM
				MOUNTING							
(example)	HC1000A	B1	: 08	: PC	: EX	: D1	: 1	: W1	: Y	: HW	
YOUR ORDER:	HC1000A										
	BASE MODEL	HOUSING	PIPE SIZE	MOUNTING	CLASS	ID DB	POWER	MODBUS	EDGE	ES COMM	



MADE IN THE USA

Tank Alarm, EC1000A Specifications, Product Images and Information Transmix-ID™, Fluid-ID™, Quality-ID™, HydroCarbon-ID™, Level-ID™ and Water-ID™ are Intellectual Property of Perceptive Sensor Technologies (PST). © Perceptive Sensor Technologies 2025. All Rights Reserved.

info@perceptivesensors.com

Perceptive Sensor Technologies

perceptivesensors.com

MODEL NUMBER











HydroCarbon-ID™

OPERATIONAL EXCELLENCE & CRITICAL/QUALITY ALERT

PST PRODUCT


Quality-ID™

OF NATIONAL EXCELLENCE & CRITICAL QUALITY ALLIANCE

BASE MODEL #		DESCRIPTION
HC1000A		HydroCarbon-ID™ Software & Monitoring with Liquid ID and Digital Output
	HOUSING STYLE	
	B1	Integral Sensor and Electronics mount on same pipe connected by PST cable Sensor mounts on process pipe & Electronics connected by 3' PST cable mounted via 2" Pipe Mount Bracket
	B2	
	PIPE SIZE	
	08	02" to 36" (5.04 cm - 90.72 cm)
	MOUNTING	
	PC	Pipe Clamp
	MA	Magnet (hurricane rated)
	ENCLOSURE / CLASSIFICATION	
	SM	Magnet (hurricane rated, secured for anti theft)
	GP	NEMA 4X / General Purpose
	EX	Class 1 Groups C, D Class 2 Groups E, F, G (rated)
	ID DATABASE MATERIALS (1)	
	D1	1 Material Database Item
	POWER	
	1	Hardwired DC Power 24VDC (Class II Power Supply provided by customer)
	MODBUS COMMUNICATION	
	H1	(COMMUNICATION FROM PIPE MOUNTED DEVICE TO EDGE SERVER) Hardwired Modbus RTU RS485
	W1	Wireless Modbus RTU RS485 (900 MHz Following ISA/SP100 Standards)
	EDGE SERVER	
	Y	(NON-PST EDGE SERVER VOIDS WARRANTY) Yes, I need an Edge Server
	N	No, I already have a PST Edge Server I will use at my facility
	EDGE SERVER COMMUNICATIONS	
	WF	(COMMUNICATION FROM EDGE SERVER TO DEVICE CONSUMING THE DATA/CLOUD BACKUP) WiFi - 2.4 GHz (802.11 b/g/n)(Ability to connect to customer WiFi network)
	C1	Cellular (AT&T) (Customer Data Plan Required) (Used for cloud backup if desired)
	HW	Hardwired - Ethernet Only
	NA	I already have a PST Edge Server at my facility

MODBUS COMMUNICATIONS

HOW DO YOU WANT YOUR SENSOR TO COMMUNICATE WITH THE PST EDGE SERVER?




HARDWIRED MODBUS RTU RS485 (SELECT H1)

WIRELESS MODBUS RTU RS485 (SELECT W1)

PST SENSOR

EDGE SERVER COMMUNICATION


HOW DO YOU WANT THE PST EDGE SERVER TO INTERFACE WITH YOUR OPERATORS?



ETHERNET/INTERFACE INTO LOCAL NETWORK (SELECT WF)

CELLULAR (AT&T) (SELECT C1)

HARDWIRED MODBUS RTU RS485 (SELECT HW)



CLOUD OR CUSTOMER CONTROL SYSTEM

*Notes:

(1) A PST team member will reach out to verify the Material.