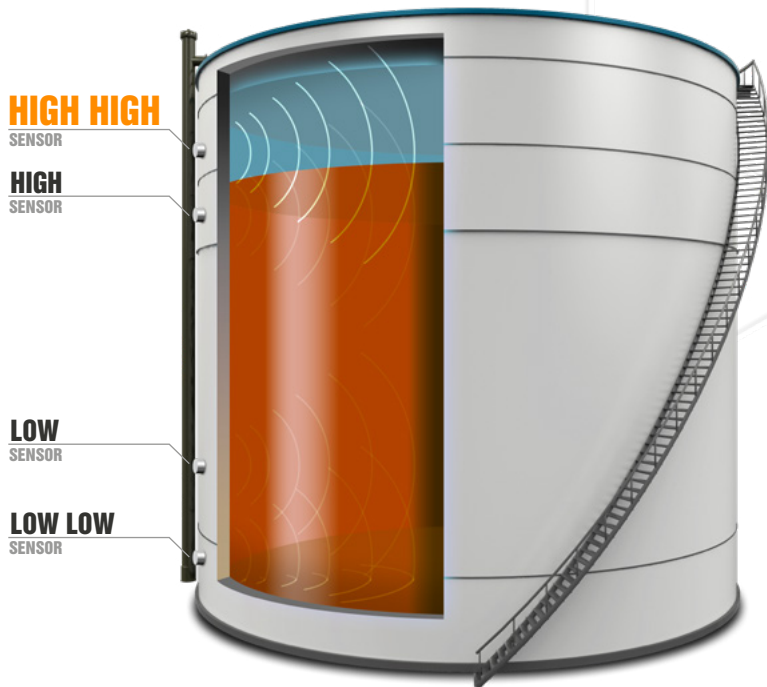




ALARM-ID™

CRUCIAL OVERFILL AND UNDERFILL PROTECTION



ALERT YOUR TEAM AT CRITICAL STAGES.

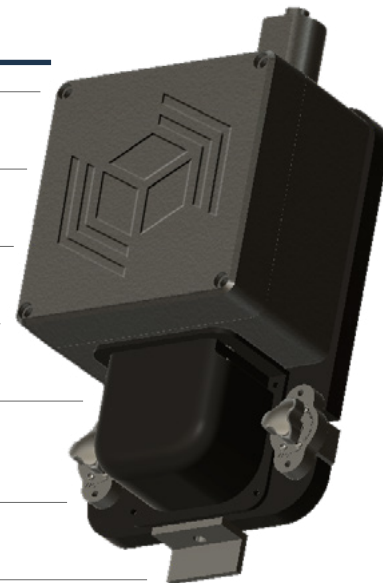
- » Compliant with New API 2350 Specification for Independent Alarm for Overfill Protection
- » Non-intrusive Installation on the Outside of the Tank in Less Than 30 Minutes per Sensor
- » Reduces Minimum Required Operator Response Time from 30 Minutes to 15 Minutes and Meets Compliance Requirements
- » Wireless Communications Available per the New API 2350 Specification
- » Intrinsically Safe Design
- » Separate Power and Communications from the Primary Level Sensing System





SPECIFICATIONS

ALARM-ID™ CRUCIAL OVERFILL AND UNDERFILL PROTECTION



PST PRODUCT:

Alarm-ID™

BASE MODEL #
EC1000A

DESCRIPTION
--

PHYSICAL DIMENSION

 13.25" x 6.5" x 4.7" (L x W x D)
(33.655 cm X 16.51 cm X 11.938 cm)

WEIGHT

6.8 lbs (2.98 kg)


TEMPERATURE RANGE

-40°F (-40°C) to +160°F (71°C)


POWER OPTIONS

 Power Over Ethernet (PoE) 802.3AF
5V DC Hard Wired
Battery Backup

COLOR

Anti-glare Black Matte Finish


TRANSDUCER

 2 Transducers, Piezoelectric, 1-5 MHz,
Stainless Steel Housing, 2 1/2" Diameter

ANTENNA

 Swappable Patch ~2"sq. Circular Polarization RHP Directional
*can be pointed

STORAGE

 Up to 5000 readings buffered without network connectivity
Readings are user configurable (seconds or minutes)

NETWORK

 10/100 MBPS Ethernet Interface (RJ45)
WiFi: 2.4 GHz Frequency Bands.
802.11 compatible; b/g/n

DISPLAY

None *inquire if required


USER INTERFACE

User-Determined, Cloud, Desktop or Tablet (details)


BATTERY

 Quick Replace 5V 11000mAh/DC
Output Lithium Ion Battery Pack



MODEL NUMBER

ALARM-ID™ CRUCIAL OVERFILL AND UNDERFILL PROTECTION

PST PRODUCT:

Alarm-ID™

BASE MODEL #

EC1000A

('A' is the version)

DESCRIPTION

--

**HOUSING STYLE****B1**

Integral Sensor and Electronics

B2

Sensor & Electronics Separate Compartments with 6' Cable and 2" Pipe Mount Bracket

**MOUNTING SURFACE****C1**

Flat

C2

Curved

**FASTENING METHOD****EP**

Epoxy

BO

Bolt

WE

Weld

MA

Magnet

**POWER****1**

Internal Battery

2

Battery with Solar Backup (Class 1, Division 2 MAX)

3

Hardwired DC Power 5V (no battery included)

4

Hardwired DC Power 5V (Backup Battery included)

5

Power Over Ethernet (PoE) (no battery included)

6

Power Over Ethernet (PoE) (Backup Battery included)

**COMMUNICATIONS****W1**

WiFi - 2.4 GHz

Supported : 802.11 b/g/n

C1

Cellular (AT&T)

C2

Cellular (Verizon)

S1

Satellite (Requires additional Satellite device)

H1

Hardwired - Ethernet only

R1

Redundant Cellular

BT

Bluetooth LE

L1

LoRa (Long Range low-power wide-area network protocol)

**COMMUNICATION PROTOCOL****MBUS**

Modbus

MRTU

Modbus RTU

EIP1

Ethernet I/P TCP

EIP2

Ethernet I/P UDP

OMF1

Open Message Format (OMF)

POE1

Power Over Ethernet (IOT)

MQTT

MQ Telemetry Transport (SCADA)

NONE

Not Required by Customer

**ENCLOSURE / CLASSIFICATION****EX**

IP68 / Explosion Proof Case

IS

NEMA 4X / Intrinsically Safe Design

GP

NEMA 4X / General Purpose

ORDERING PROCESS

BASE MODEL

HOUSING

MOUNTING
SURFACE FASTENING

POWER

COMM.

PROTOCOL

CLASS

(example)

EC1000A**B1****C1****EP****1****W1****MBUS****EX****YOUR ORDER:**

EC1000A

BASE MODEL

HOUSING

SURFACE

FASTENING

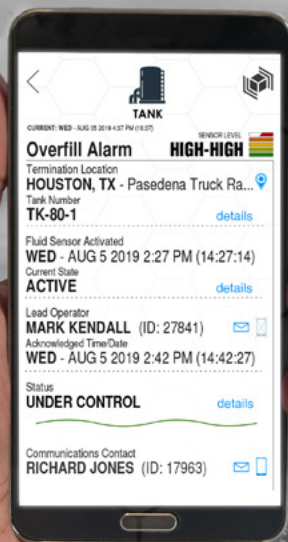
POWER

COMM.

PROTOCOL

CLASS





IDENTIFY / SCAN REAL-TIME
ALERT YOUR TEAM AT CRITICAL STAGES.

ALARM-ID™
CRUCIAL OVERFILL AND UNDERFILL PROTECTION



GLOBAL SALES PARTNER

Hawk Measurement Systems (HAWK)

USA

5010 Gateway Dr. Medina, OH 44256 USA
T: +1 888-429-5538
E: info@hawkmeasurement.com
W: www.hawkmeasurement.com

AUS

15-17 Maurice Crt, Nunawading VIC 3131, AUSTRALIA
T: +61 (0)3 8813 4108
E: info@hawk.com.au
W: www.hawkmeasurement.com



 info@perceptivesensors.com

 Perceptive Sensor Technologies



PERCEPTIVE
SENSOR TECHNOLOGIES

perceptivesensors.com

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