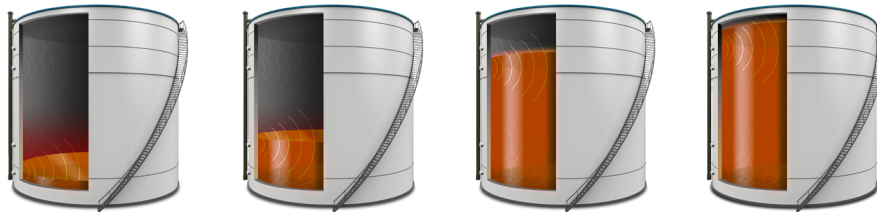
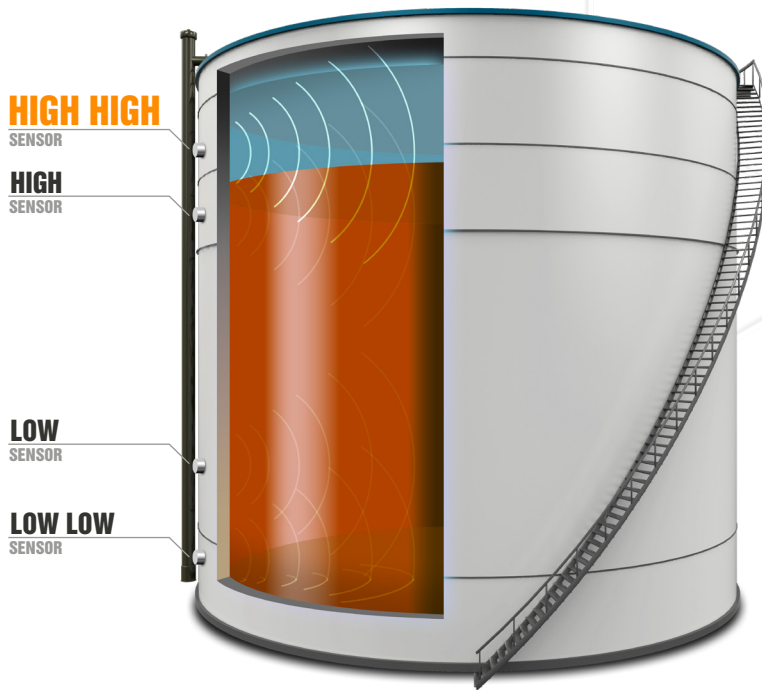




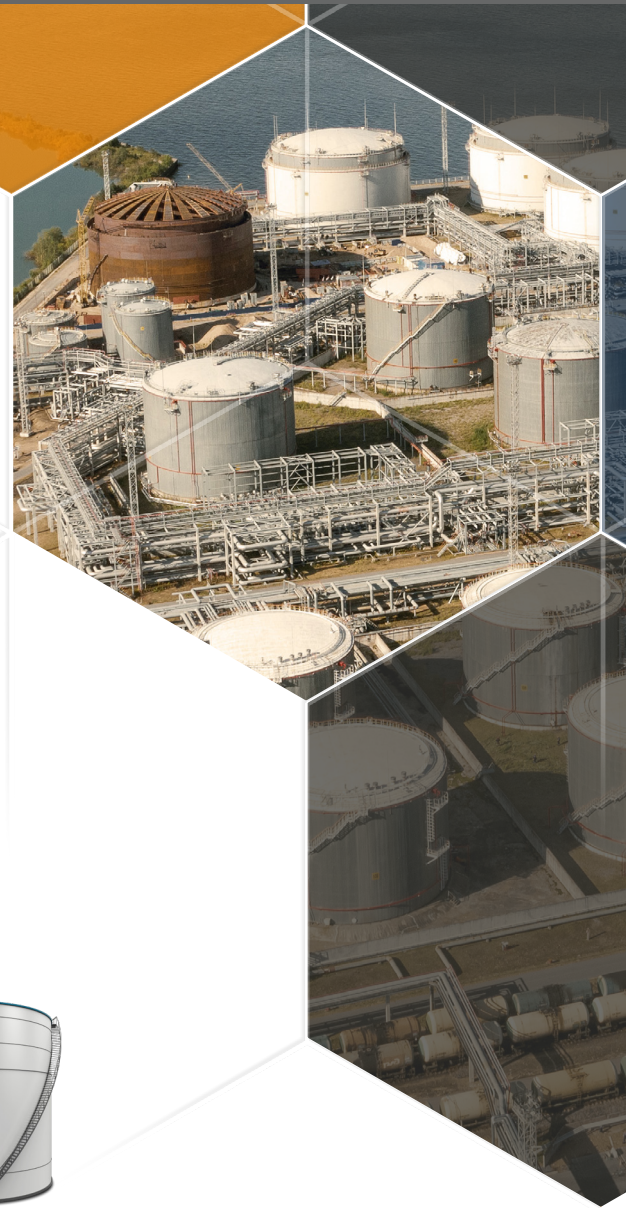
ALARM-ID™

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 +185°F (85°C)


POWER OPTIONS

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

COLOR

Anti-glare White Finish


TRANSDUCER

2 Transducers, Piezoelectric, 1-5 MHz,


ANTENNA

Omni-directional, 5.85" length, gain 3dBi


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

Serial Communications


USER INTERFACE

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


BATTERY

 Quick Replace 3.6V 19000mAh/DC
Output Lithium Primary 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**

B2

Integral Sensor and Electronics

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

**MOUNTING SURFACE****C1**

C2

Flat

Curved

**FASTENING METHOD****EP**

BO

WE

MA

Epoxy

Bolt

Weld

Magnet

**POWER****1**

2

3

4

5

6

Internal Battery

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

Hardwired DC Power 5V (no battery included)

Hardwired DC Power 5V (Backup Battery included)

Power Over Ethernet (PoE) (no battery included)

Power Over Ethernet (PoE) (Backup Battery included)

**COMMUNICATIONS****W1**

C1

C2

S1

H1

H2

R1

BT

L1

WiFi - 2.4 GHz

Supported : 802.11 b/g/n

Cellular (AT&T)

Cellular (Verizon)

Satellite (Requires additional Satellite device)

Hardwired - Ethernet only

Hardwired - Serial (RS232 or RS485)

Redundant Cellular

Bluetooth LE

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

**COMMUNICATION PROTOCOL****MBUS**

MRTU

EIP1

EIP2

POE1

OMF1

MQTT

NONE

Modbus

Modbus RTU

Ethernet I/P TCP

Ethernet I/P UDP

Power Over Ethernet (IOT)

Open Message Format (OMF)

MQ Telemetry Transport (SCADA)

Not Required by Customer

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

IS

GP

IP68 / Explosion Proof Case

NEMA 4X / Intrinsically Safe Design

NEMA 4X / General Purpose

**ID DATABASE MATERIALS****D01**

D05

D20

1 Material Database Items

5 Material Database Items

20 Material Database Items

*D** Indicate Number of Required Accessible Material Database Items***ORDERING PROCESS**

BASE MODEL

HOUSING

MOUNTING
SURFACE

FASTENING

POWER

COMM.

PROTOCOL

CLASS

DATABASE

(example)

EC1000A**B1****C1****EP****1****W1****MBUS****EX****D01****YOUR ORDER:**

EC1000A

BASE MODEL

HOUSING

SURFACE

FASTENING

POWER

COMM.

PROTOCOL

CLASS

of DATA ITEMS





IDENTIFY / SCAN REAL-TIME

ALERT YOUR TEAM AT CRITICAL STAGES.

ALARM-ID™

CRUCIAL OVERFILL AND UNDERFILL PROTECTION



 info@perceptivesensors.com

 Perceptive Sensor Technologies



Zimco Instrumentation Inc.

11141 15 Street NE, Calgary, AB, T3K 0Z5, Canada

Phone: 403-253-8320

Email: info@zimco.ca

Website: www.zimco.ca



PERCEPTIVE
SENSOR TECHNOLOGIES

perceptivesensors.com

Alarm-ID™, EC1000A Specifications, Product Images and Information, Fluid™, Acoustic Fingerprinting™, and SoundDATA™ are Intellectual Property of Perceptive Sensor Technologies (PST). © Perceptive Sensor Technologies 2020. All Rights Reserved.

MADE IN THE USA 