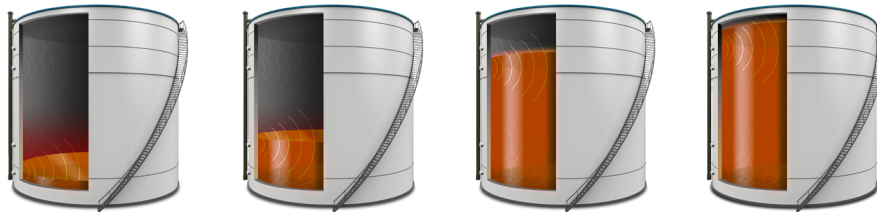
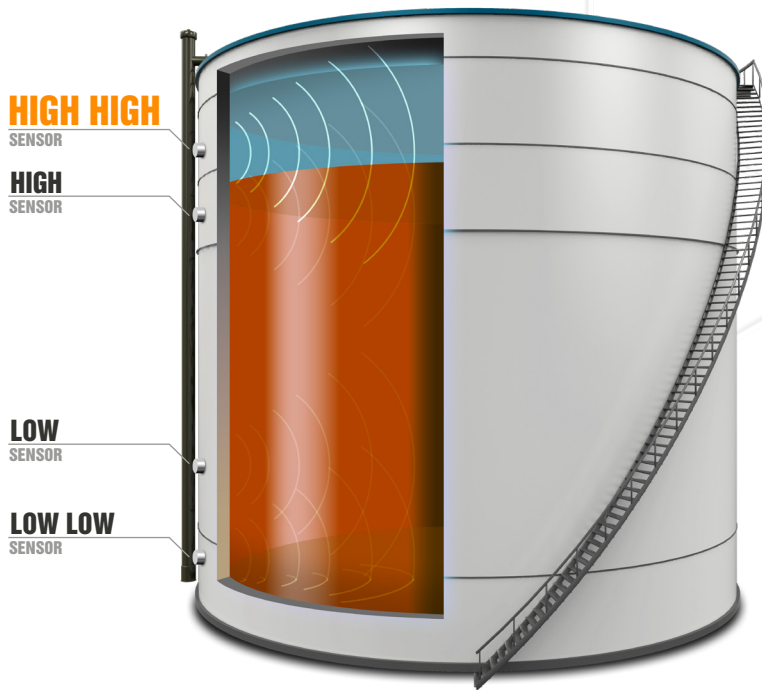




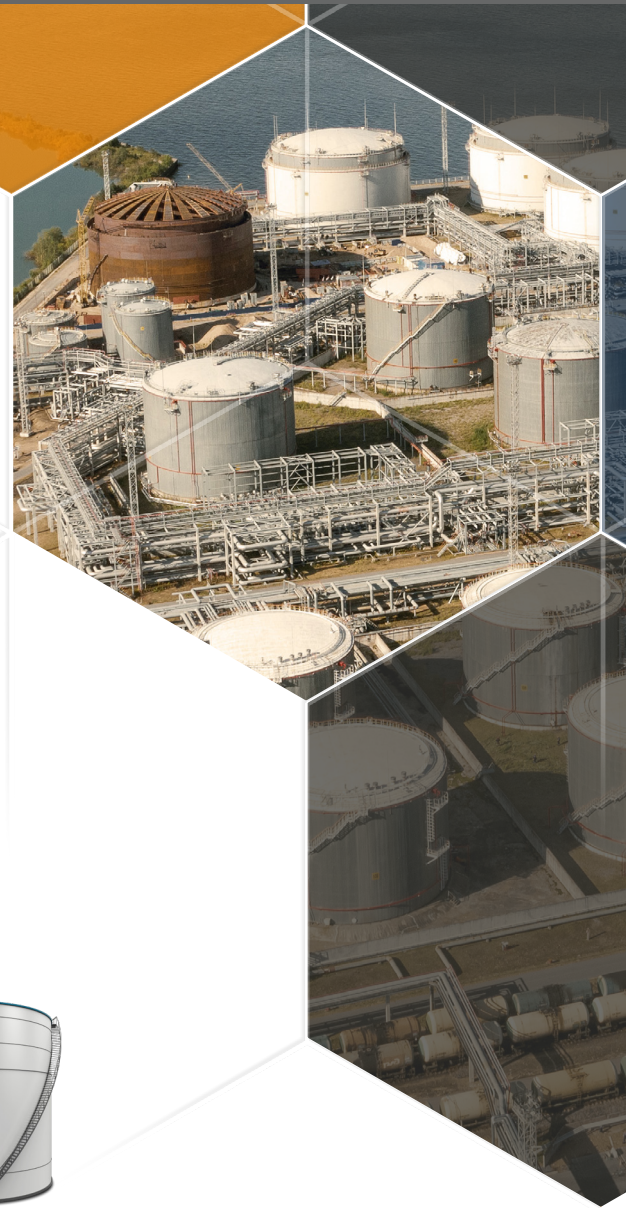
ALARM-ID™

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 # DESCRIPTION

EC1000A
(/A' is the version)

--



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

H2

Hardwired - Serial (RS232 or RS485)

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

POE1

Power Over Ethernet (IOT)

OMF1

Open Message Format (OMF)

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



ID DATABASE MATERIALS

D01

1 Material Database Items

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

D05

5 Material Database Items

D20

20 Material Database Items

ORDERING PROCESS

BASE MODEL HOUSING SURFACE FASTENING POWER COMM. PROTOCOL CLASS DATABASE

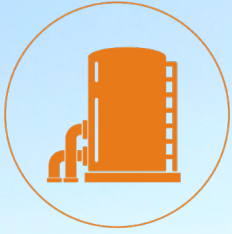
(example) EC1000A B1 C1 EP 1 W1 MBUS EX D01

YOUR ORDER:

EC1000A

BASE MODEL HOUSING SURFACE FASTENING POWER COMM. PROTOCOL CLASS # of DATA ITEMS



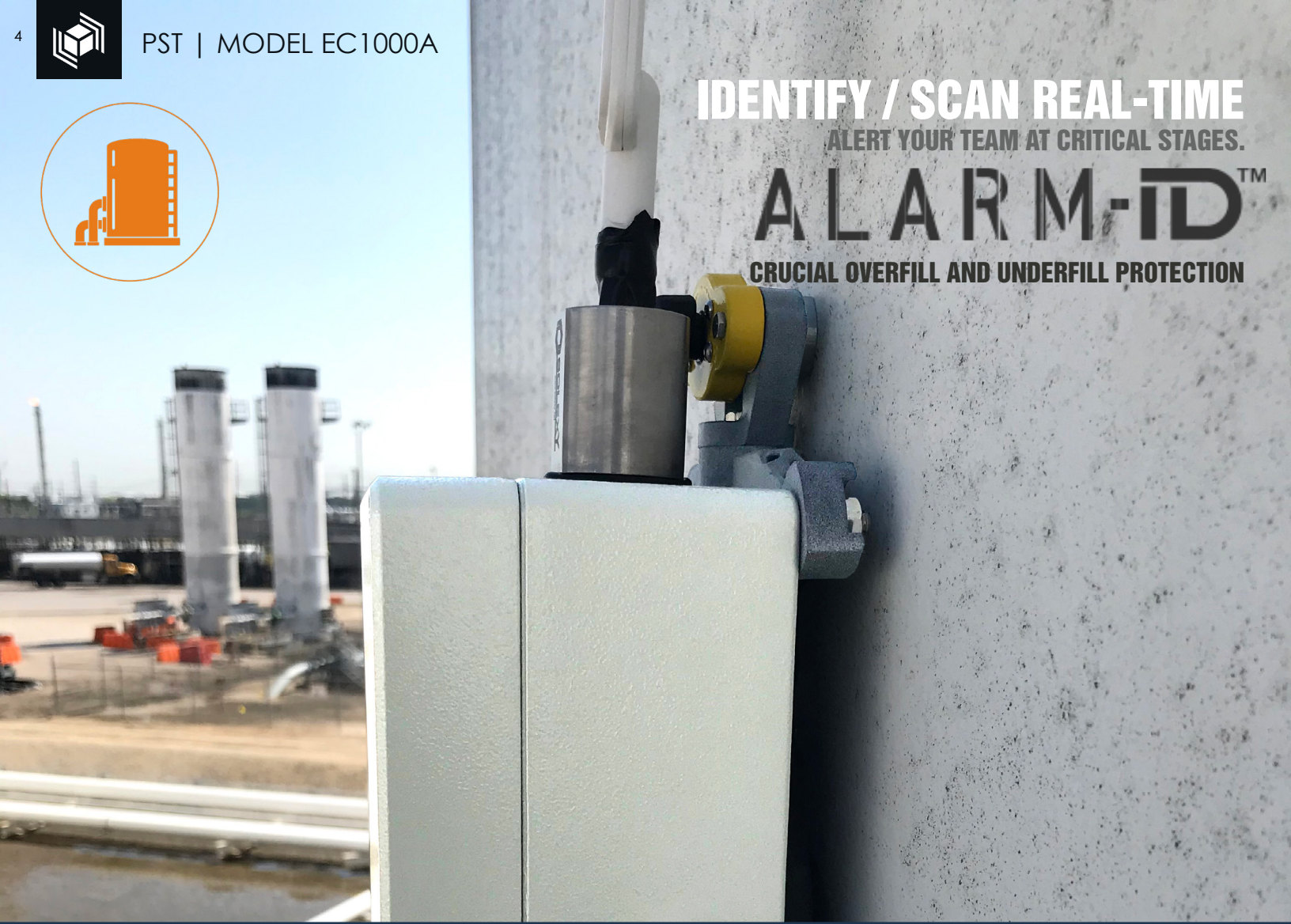


IDENTIFY / SCAN REAL-TIME

ALERT YOUR TEAM AT CRITICAL STAGES.

ALARM-ID™

CRUCIAL OVERFILL AND UNDERFILL PROTECTION



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Perceptive Sensor Technologies



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