((SENSONEO))

Quatro Sensor

Installation Guide, 2018

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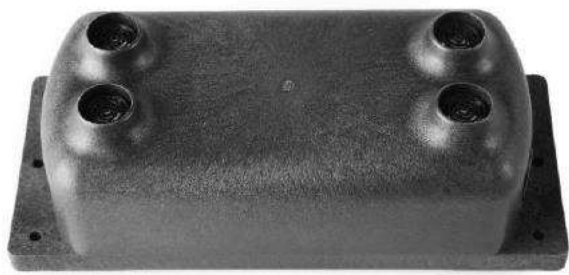
Introduction

The Sensoneo Quatro Sensor is an enterprise-class sensor. Designed for high-capacity containers, the QS meets the needs of the customers wanting the secure data transfer to cloud-based applications.

Package Contents

The QS package contains the following:

- Quatro Sensor

- Mounting kit

Note: Mounting kits may vary based on the type of container.

Installation Instructions

Sensor initialization (NOTE: applicable only when using NB-IoT or GSM networks and when Sensoneo isn't providing SIM cards)

1. Unscrew the back cover, flip the SIM holder, and place the SIM card into it.
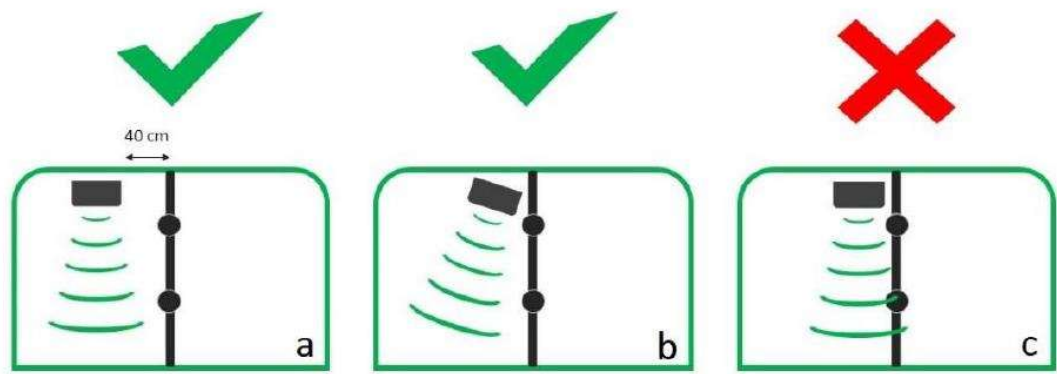

2. Put the cover back on. A sensor is now initialized and ready to be installed.

Choose Your Mounting Location

Keep the following in mind:

1. The device should be pointing down to the center of the bottom of the container, bear in mind that the measurement starts 15 cm below the sensor. When installed on the lid the sensor should be at least 40 cm from the side wall of the container - picture A. When installed on the side wall the sensor has to point away from the wall - picture B. Picture C shows incorrect installation.

2. Make sure that you are in the range of signal

Physical installation on the container

1. Fix the sensor on the mounting kit with rivets. Using silicone on top for protection from water is highly recommended. Below is an example of a mounting kit which may vary. Fix the mounting kit with the sensor on the container as shown in the pictures below based on the type of container.

Device Functionality and Test Network Coverage Verification

1. Install the Sensoneo Sensor Configurator App (only available for Android at Google Play Store). After connecting to a sensor via Configurator App use the GetMeasurements command to see if the sensor is measuring properly and SendMeasurements command to see if the sensor is sending data to the backend properly. Find more in the Configurator User Manual
      http://sensoneo.com/knowledge/configurator-user-guide/
2. Log into the Sensoneo Smart Waste Management System tool for provisioning and configuration http://prodadmin.sensoneo.com/
3. Go to Monitoring/SMS received or Monitoring/IoT to check if the sensor sent the data successfully. Find more in the Smart Waste Management System User Manual http://sensoneo.com/knowledge/webadmin-guide/