

WMS Sensor

Search operations

Group by tag

- POST /data/collections - POST
- POST /data/measurements - POST

WMS Sensor

API definition

Changelog

/data/measurements - POST

Data

Request

POST https://api.sensoneo.com/sensor/data/measurements

Request body

application/json; api-version=1.0

text/json; api-version=1.0

application/*+json; api-version=1.0

DataRequest

{ }

Name	Required	Type	Description
customerIds	false	integer[]	list of IDs of customers (optional)
containerIds	false	integer[]	list of IDs of containers record (optional)
containerCodes	false	string[]	list of code input on the containers record (optional)
standCodes	false	string[]	list of stand code input on the containers record (optional)
dateFrom	true	string (date-time)	ISO date-time format, default UTC if not timezone provided (required)
dateTo	true	string (date-time)	ISO date-time format, default UTC if not timezone provided (required)
lastId	false	integer (int32)	Get data from this ID (optional)

default

DEFAULT - JSON

```
{  "customerIds": [],  "containerIds": [],  "containerCodes": ["string"],  "standCodes": ["string"],  "dateFrom": "string",  "dateTo": "string",  "lastId": 0}
```

Response: 200 OK

Success

application/json

DataMeasurementsPost200ApplicationJsonResponse

{ }

Name	Required	Type	Description
[]	true	DataSensorResponse[]	

default

DEFAULT - JSON

```
[{  "id": 0,  "containerId": 0,  "percentCalculated": 0,  "upturned": true,  "temperature": 0,  "batteryStatus": 0,  "measuredAt": "string",  "serverAt": "string",  "prediction": "string",  "containerCode": "string",  "standCode": "string"}
```

```
    "sensorId": "string"
  }
}
```

Response: 400 Bad Request

Returns if:

- Date range is more than a week
- One or more customerIds (request filter) are not allowed

Response: 401 Unauthorized

Returns if:

- Missing or invalid authorization header

Response: 403 Forbidden

Returns if:

- No customer is assigned to this key

Definitions

Name	Description
DataRequest	
DataSensorResponse	
DataMeasurementsPost200ApplicationJsonRespo...	

DataRequest



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dateTo	true	string (date-time)	ISO date-time format, default UTC if not timezone provided (required)
lastId	false	integer (int32)	Get data from this ID (optional)

DataSensorResponse



Name	Required	Type	Description
id	false	integer (int32)	unique measurement ID
containerId	false	integer (int32)	unique bin ID
percentCalculated	false	integer (int32)	trash fullness
upturned	false	boolean	if container is upturned or flipped
temperature	false	number (double)	air temperature
batteryStatus	false	number (double)	battery voltage
measuredAt	false	string (date-time)	measurement timestamp in UTC
serverAt	false	string (date-time)	Served timestamp in UTC
prediction	false	string (date-time)	UTC timestamp when the bin will be full(75%) based on the calculation
containerCode	false	string	individual code input on the container record
standCode	false	string	individual code input on the stand record
sensorId	false	string	unique ID of the sensor assigned with the container

DataMeasurementsPost200ApplicationJsonResponse



Name	Required	Type	Description
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[]

true

[DataSensorResponse](#)[]

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