

SOURCETAG

Monitoring unit for source holder



Application area

The SOURCETAG is a monitoring unit for radiation-based source holders and can safely monitor the location of the source holder and thus that of the radiation source.

Your benefit

- Reliable monitoring by radio technology
- Reduced space requirement and simple mounting
- Operational reliability thanks to long battery life
- Simple adjustment via the Internet portal

Function

The device is mounted directly on the source holder. The radio unit in SOURCETAG transmits the location at adjustable intervals.

If the device leaves a user-definable range, an alarm notification is sent.

A monthly protocol of the movement profile is created in an internet portal. The protocol provides reliable and verifiable location data, which is useful for the transport and operation of radiation sources.

Technical data

| | |
|--|---|
| Radio unit | LTE Kat. M1 and NB-IOT |
| Application area | USA, Canada, UK, Europe |
| Housing material | Plastic polycarbonate |
| Voltage supply | Batteries (3 x AA) |
| Battery life | 3 - 5 years (depending on the frequency of the reporting intervals) |
| Offline function | Without an internet connection, the data is stored internally. |
| Data security | HTTPS with TLS encryption |
| Standard reporting interval | 2 location reports per day |
| Ambient, storage and transport temperature | -50 ... +200 °C (-58 ... +392 °F) |
| Operating temperature | -40 ... +60 °C (-40 ... +140 °F) |
| Protection class | IP67/IP69K |
| Weight | 170 g |

Materials

The housing is made of plastic (polycarbonate).

Shipment

The monitoring unit for source holders can be ordered when the source holder is ordered.

In this case, the device is mounted on the source holder at the factory.

This means that transport can also be monitored completely.

The monitoring unit can also be retrofitted at any time.

Approvals

The device complies with FCC radiation exposure guidelines.

Adjustment

The monitoring unit can be operated and adjusted via an operating portal.

The following functions can be adjusted:

- Reporting interval
- User-definable occupied zone (GeoFence)

Mounting instructions

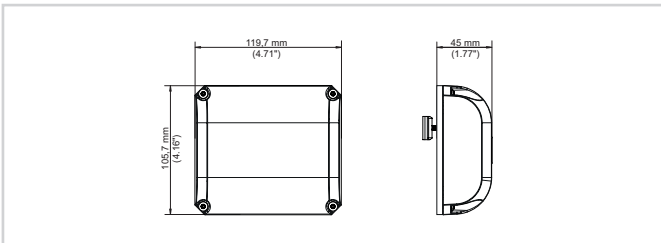
The monitoring unit can be mounted directly on the source holder.



Mounting possibilities - SOURCETAG

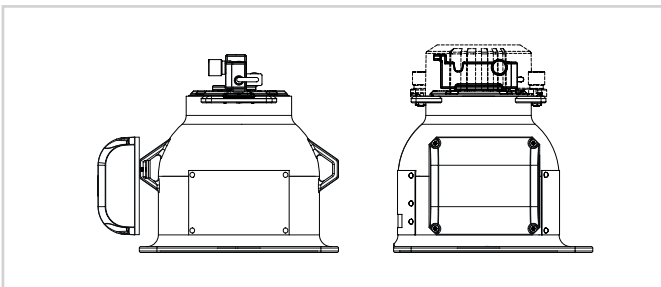
Dimensions

SOURCETAG



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Mounting example



Mounting example on a source holder VEGASOURCE

Information

You can find further information on the VEGA product line on our homepage.

In the download section of our homepage you'll find operating instructions, product information, industry brochures and approval documents as well as device and adjustment software.

Instrument selection

On our homepage under "Products" you can select the suitable measuring principle and instrument for your application.

There you will also find detailed information on the available device versions.

Contact

You can find your personal contact person at VEGA on our homepage under "Contact".