

Radiometric Interface measurement Source Container FQG63

Lightweight radiation source container with flexible extension element



More information and current pricing:

www.at.endress.com/FQG63

Benefits:

- Highest safety classification for the source supplied (DIN 25426/ISO 2919, typical classification C66646)
- Reliable measurement due to lightweight container and almost spherical design which provides optimized screening
- Flexible installation length up to 30m (98ft)
- Manually operated and padlock, cylinder lock or locking bolt for fixing the switching position
- Switch status easily identified
- Compact device that is easy to mount; adapter and centering flange for existing vessel flanges

Specs at a glance

- **Process temperature** max. 400°C (752°F) (diptube)
- **Process pressure absolute / max. overpressure limit** Any (diptube)
- **Main wetted parts** Non- contact

Field of application: The FQG63 source container is designed to hold the radioactive source during radiometric level, density and interface measurement. The radiation is damped in all directions as long as the source container is switched off. This guarantees highest safety for the personnel and a reliable measurement. If the source is switched on and lowered down into the process tank, it emits the radiation into all directions.

Features and specifications

Point Level / Solids**Measuring principle**

Radiometric Limit

Characteristic / Application

Source container with flexible extension element to position the source inside the process vessel (diptube)

Approximately 87kg

Adapter flange: 10kg

Specialities

Control area calculation with Applicator

Ambient temperature

-52 °C...+200 °C

(-61 °F...+392 °F)

Process temperature

max. 400°C (752°F)

(diptube)

Process pressure absolute / max. overpressure limit

Any (diptube)

Main wetted parts

Non- contact

Process connection

Non- contact

Process connection hygienic

Non- contact

Point Level / Liquids**Measuring principle**

Radiometric Limit

Point Level / Liquids**Characteristic / Application**

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Any (diptube)

Main wetted parts

Non- contact

Process connection

Non- contact

Density**Measuring principle**

Radiometric Density

Characteristic / Application

Source container with flexible extension element to position the source inside the process vessel (diptube)

Approximately 87 kg

Adapter flange: 10 kg

Ambient temperature

-52 °C...+200 °C

(-61 °F...+392 °F)

Density

Process temperature

max. 400°C (752°F) (diptube)

Process pressure absolute

Any

Wetted parts

Non-contact

Hygienic

Non-contact

Specialities

Control area calculation with Applicator

Continuous / Solids

Measuring principle

Radiometric

Characteristic / Application

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Approximately 87kg

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Specialities

Control area calculation with Applicator

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Process temperature

max. 400°C (752°F)

Process pressure absolute / max. overpressure limit

Any (diptube)

Continuous / Solids**Main wetted parts**

Non-contact

Process connection

Non-contact

Continuous / Liquids**Measuring principle**

Radiometric

Characteristic / Application

Source container with flexible extension element to position the source inside the process vessel (dip tube)

Approximately 87kg

Adapter flange: 10kg

Specialities

With flexible extension element

Ambient temperature

-52 °C...+200 °C

(-61 °F...+392 °F)

Process temperature

max. 400°C (752°F)

Process pressure absolute / max. overpressure limit

Any (dip tube)

Main wetted parts

Non-contact

Process connection

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