

Radiometric Interface measurement Source Container FQG63

Lightweight radiation source container with flexible extension element



More information and current pricing:

www.de.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)
- **Process pressure / 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

Continuous / Liquids**Measuring principle**

Radiometric

Characteristic / Application

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

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 / max. overpressure limit

Any (diptube)

Main wetted parts

Non-contact

Process connection

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Point Level / Liquids**Measuring principle**Radiometric Limit

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Point Level / Solids**Measuring principle**Radiometric Limit

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Process connectionNon- contact

Point Level / Solids**Process connection hygienic**Non- contact

Density**Measuring principle**Radiometric Density

Characteristic / Application

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Process temperaturemax. 400°C (752°F) (diptube)

Process pressureAny

Wetted partsNon-contact

HygienicNon-contact

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