

Radiometric level and density measurement Gamma Source FSG60

Gamma radiation source (^{137}Cs) for radiometric level, point level, density and interface measurement



Benefits:

- Specially constructed source capsule conforms to strictest safety requirements:
Typically class C66646 to ISO 2919
- Point source in special source container ensures simple handling and easy installation
- Choice of activity ensures optimized dosage for your application
- High cost-effectiveness due to long half-life time

Specs at a glance

- **Process pressure / max. overpressure limit** Any

More information and current pricing:

www.ca.endress.com/FSG60

Field of application: The Gamma Source FSG60 has a very long lifetime thanks to its long half-life time. Common used standard isotope in the industrial process measurement.

Features and specifications

Continuous / Liquids

Measuring principle

Radiometric

Characteristic / Application

Source

Isotope: Caesium 137

Half-life: 30 years

Continuous / Liquids

Specialities

Double seal

Steel: 1.4541 (321 S 18)

Classification C66646 ISO 2919

Ambient temperature

-20°C ... +250 °C

(-4°F ... 482 °F)

**Process pressure / max. overpressure
limit**

Any

Pressure measuring range

Any

Components

Installed in source container

Continuous / Solids

Measuring principle

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Characteristic / Application

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Activity calculation with

Applicator

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Components

Installed in source container

Point Level / Liquids**Measuring principle**

Radiometric Limit

Characteristic / Application

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Components

Installed in source container

Point Level / Solids**Measuring principle**

Radiometric Limit

Characteristic / Application

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Activity calculation with

Applicator

Ambient temperature

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Process pressure / max. overpressure**limit**

Any

Components

Installed in source container

Density**Measuring principle**

Radiometric Density

Characteristic / Application

Source

Isotope: Caesium 137

Half-life: 30 years

Ambient temperature

-20 °C ... +250 °C

Density

Specialities

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2919

Activity calculation with

Applicator

Components

Installed in source container

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