

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 absolute / max. overpressure limit** Any

More information and current pricing:

www.us.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

Point Level / Solids

Measuring principle

Radiometric Limit

Characteristic / Application

Source

Isotope: Caesium 137

Half-life: 30 years

Point Level / Solids**Specialities**

Double seal
Steel: 1.4541 (321 S 18)
Classification C66646 ISO 2919
Activity calculation with
Applicator

Ambient temperature

-20°C ... +250 °C
(-4°F ... 482 °F)

**Process pressure absolute / max. overpressure
limit**

Any

Components

Installed in source container

Point Level / Liquids**Measuring principle**

Radiometric Limit

Characteristic / Application

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Continuous / Solids**Measuring principle**

Radiometric

Characteristic / Application

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Process pressure absolute / max. overpressure limit

Any

Components

Installed in source container

Continuous / Liquids**Measuring principle**

Radiometric

Continuous / Liquids**Characteristic / Application**

Source
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Half-life: 30 years

Specialities

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Steel: 1.4541 (321 S 18)
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Ambient temperature

-20°C ... +250 °C
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**Process pressure absolute / max. overpressure
limit**

Any

Pressure measuring range

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

Double seal

Steel: 1.4541 (321 S 18)

Classification: C66646 ISO

2919

Activity calculation with

Applicator

Components

Installed in source container

More information www.us.endress.com/FSG60