

## Radiometric level and density measurement Gamma Source FSG60

Gamma radiation source ( $^{137}\text{Cs}$ ) 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.casc.endress.com/FSG60](http://www.casc.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

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**Continuous / Liquids**

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**Specialities**

Double seal

Steel: 1.4541 (321 S 18)

Classification C66646 ISO 2919

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**Ambient temperature**

-20°C ... +250 °C

(-4°F ... 482 °F)

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

Any

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**Pressure measuring range**

Any

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**Components**

Installed in source container

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**Continuous / Solids**

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**Measuring principle**

Radiometric

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**Characteristic / Application**

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Activity calculation with

Applicator

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**Continuous / Solids****Ambient temperature**

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limit**

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---

**Components**

Installed in source container

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**Density****Measuring principle**

Radiometric Density

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**Characteristic / Application**

Source  
Isotope: Caesium 137  
Half-life: 30 years

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**Specialities**

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

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**Components**

Installed in source container

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**Point Level / Liquids****Measuring principle**

Radiometric Limit

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**Point Level / Liquids****Characteristic / Application**

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**Point Level / Solids****Measuring principle**

Radiometric Limit

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**limit**

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**Components**

Installed in source container

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