

Radiometric level and density measurement Gamma Source FSG61

Gamma radiation source (^{60}Co) 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 penetration energy even for extreme applications

Specs at a glance

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

More information and current pricing:

www.de.endress.com/FSG61

Field of application: The Gamma Source FSG61 is specially suited for level applications with thick tank walls, high pressure or for density applications with big pipe diameters and large density ranges thanks to its high penetration energy.

Features and specifications

Continuous / Liquids

Measuring principle

Radiometric

Continuous / Liquids**Characteristic / Application**

Source

Isotope: Cobalt 60

Half-life: 5.3 years

Specialities

Double seal

Steel: 1.4541 (321 S 18)

Classification: C66646 ISO 2919

Ambient temperature

-20 °C ... 250 °C

(-4 °F ... 482 °F)

Process temperatureAny

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

ComponentsInstalled in source container

Continuous / Solids**Measuring principle**Radiometric

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Activity calculation with
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Point Level / Liquids**Measuring principle**

Radiometric Limit

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Radiometric Limit

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Activity calculation with

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Ambient temperature

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Process temperature

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Point Level / Solids**Process pressure / max. overpressure limit**

Any

Components

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Density**Measuring principle**

Radiometric Density

Characteristic / Application

Source

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Process temperature

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Process pressure

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