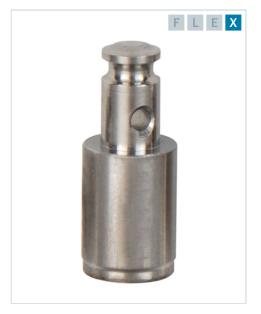
# Radiometric level and density measurement Gamma Source FSG61

Gamma radiation source (60Co) for radiometric level, point level, density and interface measurement



More information and current pricing: www.endress.com/FSG61

#### **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 absolute / max. overpressure limit Any

**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 temperature**

Any

### Process pressure absolute / max. overpressure

limit

Any

### Components

Installed in source container

### Point Level / Solids

### Measuring principle

Radiometric Limit

### Characteristic / Application

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### Continuous / Solids

### Process pressure absolute / max. overpressure

#### limit

Any

### Components

Installed in source container

# Density

### Measuring principle

Radiometric Density

### **Characteristic / Application**

Source

Isotope: Cobalt 60 Half-life: 5.3 years

#### Ambient temperature

-20 °C ... 250 °C (-4 °F ... 482 °F)

#### **Process temperature**

Any

#### Process pressure absolute

Any

### **Specialities**

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Steel: 1.4541 (321 S 18) Classification: C66646 ISO

2919

Activity calculation with

**Applicator** 

More information www.endress.com/FSG61