

# Radiometric Level/density measurement Source Container FQG60

Radiation source container with radiation source insert with manual switch-on and switch-off



## Lợi ích:

- High safety level thanks to highest classification for the source supplied (DIN 25426/ISO 2919, typically classification C66646) and safe and easy source replacement
- Reliable measurement due to small-size, lightweight container which provides optimized screening
- Compact, easy-to-mount device with the possibility of various angles of emission for optimum adaptation to the application
- Manual switching on/off and padlock to fix switching positions (on/off), or snap hook to fix switching position; on-switch status easily identified
- Integrated mounting device for density measurement on pipes
- Optional: Calibration plate for quick and easy density recalibration

Thông tin thêm và mức tính giá hiện tại:

[www.apsc.endress.com/FQG60](http://www.apsc.endress.com/FQG60)

## Tổng quan về thông số kỹ thuật

- **Process temperature** Any
- **Process pressure absolute / max. overpressure limit** Any
- **Main wetted parts** Non-contact

**Phạm vi ứng dụng:** The FQG60 source container is designed to hold the radioactive source during radiometric point level detection, continuous level and density measurement. The radiation is emitted almost unattenuated in one direction only, and is damped in all other directions. This guarantees highest safety for the personnel and a reliable measurement.

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## Tín năng và thông số kỹ thuật

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### Continuous / Liquids

#### Measuring principle

Radiometric

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#### Characteristic / Application

Source container

Emission angle: 40 / 20 degrees

Approximately 18kg

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#### Specialities

With manual switch-on and switch-off

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#### Ambient temperature

-40...+120 °C

(-40...+248 °F)

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#### Process temperature

Any

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

Any

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#### Main wetted parts

Non-contact

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#### Process connection

Non-contact

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### Point Level / Solids

#### Measuring principle

Radiometric Limit

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#### Characteristic / Application

Source container

Emission angle: 5 degrees

Approximately 18kg

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**Point Level / Solids****Specialities**Control area calculation with Applicator

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**Ambient temperature**-40...+120 °C  
(-40...+248 °F)

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**Process temperature**Any

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

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**Main wetted parts**Non-contact

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**Process connection**Non-contact

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**Point Level / Liquids****Measuring principle**Radiometric Limit

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**Characteristic / Application**Source container  
Emission angle: 5 degrees  
Approximately 18kg

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**Specialities**Control area calculation with Applicator

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**Ambient temperature**-40 ...+120 °C  
(-40 ...+248 °F)

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**Process temperature**Any

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## Point Level / Liquids

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

Any

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**Main wetted parts**

Non-contact

---

**Process connection**

Non-contact

---

## Continuous / Solids

**Measuring principle**

Radiometric

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**Characteristic / Application**

Source container

Emission angle: 40 / 20 degrees

Approximately 18kg

---

**Specialities**

Control area calculation with Applicator

---

**Ambient temperature**

-40...+120 °C

(-40...+248 °F)

---

**Process temperature**

Any

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

Any

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**Main wetted parts**

Non-contact

---

**Process connection**

Non-contact

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## Density

**Measuring principle**

Radiometric Density

**Characteristic / Application**

Source container

Emission angle: 5/ 20 / 40 degrees

Approximately 18kg

**Ambient temperature**

-40...+120 °C

(-40...+248 °F)

**Process temperature**

Any

**Process pressure absolute**

Any

**Wetted parts**

Non-contact

**Hygienic**

Non-contact

**Specialities**

Control area calculation with

Applicator

Thông tin bổ sung [www.apsc.endress.com/FQG60](http://www.apsc.endress.com/FQG60)