

Source container QG2000



More information and current pricing:

www.ca.endress.com/QG2000

Benefits:

- High safety level thanks to highest safety classification for the source supplied (DIN 25426/ISO 2919, typically classification C66646) and simple and easy source replacement
- Extremely high shielding combined with low weight ensures that no control areas are generally required and that installation in accessed areas is possible
- Additional metallic protective capsule with O-ring seal to protect the source against mechanical and chemical influences
- Low space requirement and simple mounting and various angles of emission for optimum adaption to the application
- Padlock for fixing the on/off switch position and to protect against theft
- Easy identification of switch status through sight glasses on the cover or by remote display with proximity switches

Specs at a glance

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

Field of application: The QG2000 source container is designed to hold the radioactive source with highest activities 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.

Features and specifications

Continuous / Solids**Measuring principle**

Radiometric

Characteristic / Application

Source container

Emission angle: 40 / 20 degrees

350kg

Specialities

Control area calculation with Applicator

Ambient temperature

-20 °C...+200 °C

(-4 °F ... +392 °F)

Process temperature

Any

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

Any

Main wetted parts

Non-contact

Process connection

Non-contact

Successor

FQG66

Point Level / Solids**Measuring principle**

Radiometric

Point Level / Solids**Characteristic / Application**

Source container
Emission angle: 5 degrees
350kg

Specialities

Control area calculation with Applicator

Ambient temperature

-20 °C...+200 °C
(-4 °F...+392 °F)

Process temperature

Any

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

Any

Main wetted parts

Non- contact

Process connection

Non- contact

Process connection hygienic

Non- contact

Successor

FQG66

Density**Measuring principle**

Radiometric

Density

Characteristic / Application

Source container
Emission angle: 20/ 40 degrees
350kg

Ambient temperature

-20 °C...+200 °C

Process temperature

Any

Process pressure absolute

Any

Wetted parts

Non-contact

Hygienic

Non-contact

Specialities

Control area calculation with
Applicator

Successor

FQG66

Point Level / Liquids

Measuring principle

Radiometric

Characteristic / Application

Source container
Emission angle: 5 degrees
350kg

Specialities

Control area calculation with Applicator

Point Level / Liquids**Ambient temperature**

-20 °C...+200 °C
(-4 °F...+392 °F)

Process temperature

Any

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

Any

Main wetted parts

Non- contact

Process connection hygienic

Non- contact

Successor

FQG66

Continuous / Liquids**Measuring principle**

Radiometric

Characteristic / Application

Source container
Emission angle: 40 / 20 degrees
350kg

Specialities

Control area calculation with Applicator

Ambient temperature

-20 °C...+200 °C
(-4 °F...+392 °F)

Process temperature

Any

Continuous / Liquids

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

Any

Main wetted parts

Non-contact

Process connection

Non-contact

Successor

FQG66

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