Radiometric
Level/density measurement
Source Container FQG62

Radiation source container with source holder for manual or pneumatic switch-on/switch-off

More information and current pricing:
www.us.endress.com/FQG62

Benefits:

- 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 lightweight container and almost spherical design which provides optimized screening
- Compact, easy-to-mount device with the possibility of various angles of emission for optimum adaptation to the application
- Manual or pneumatic switching on/off and padlock, cylinder lock or locking bolt for fixing the switching position
- Switch status easily identified

Specs at a glance

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

Field of application: The FQG62 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.

Features and specifications

Point Level / Liquids

Measuring principle
Radiometric Limit

Characteristic / Application
Source container
Emission angle: 5 degrees
Approximately 87kg

Specialities
Control area calculation with Applicator

Ambient temperature
-40 °C...+200 °C
(-40 °F...+392 °F)

Process temperature
Any

Process pressure absolute / max. overpressure limit
Any

Main wetted parts
Non-contact

Process connection
Non-contact

Certificates / Approvals
ATEX, GOST

Point Level / Solids

Measuring principle
Radiometric Limit

Point Level / Solids

Characteristic / Application
Source container
Emission angle: 5 degrees
Approximately 87kg

Specialities
Control area calculation with Applicator

Ambient temperature
-40 °C...+200 °C
(-40 °F...+392 °F)

Process temperature
Any

Process pressure absolute / max. overpressure limit
Any

Main wetted parts
Non-contact

Process connection
Non-contact

Certificates / Approvals
ATEX, GOST

Continuous / Solids

Measuring principle
Radiometric

Characteristic / Application
Source container
Emission angle: 40 / 20 degrees
Approximately 87kg

Continuous / Solids

Specialities
Control area calculation with Applicator

Ambient temperature
-40 °C...+200 °C
(-40 °F ...+392 °F)

Process temperature
Any

Process pressure absolute / max. overpressure limit
Any

Main wetted parts
Non-contact

Process connection
Non-contact

Certificates / Approvals
ATEX, GOST

Density

Measuring principle
Radiometric Density

Characteristic / Application
Source container
Emission angle: 5/ 20/ 40 degrees
87kg

Ambient temperature
-20 °C...+200 °C

(-40 °F...+392 °F)

Density

Process temperature
Any

Process pressure absolute
Any

Wetted parts
Non-contact

Hygienic
Non-contact

Specialities
Control area calculation with Applicator

Continuous / Liquids

Measuring principle
Radiometric

Characteristic / Application
Source container
Emission angle: 40 / 20 degrees
Approximately 87kg

Specialities
Manual or pneumatic switch-on/ switch-off

Ambient temperature
-40 °C...+200 °C
(-40 °F...+392 °F)

Process temperature
Any

Process pressure absolute / max. overpressure limit
Any

Continuous / Liquids

Main wetted parts
Non-contact

Process connection
Non-contact

Certificates / Approvals
ATEX, GOST

More information **www.us.endress.com/FQG62**

Endress+Hauser USA
United States

addresses.endress.com
info.us.sc@endress.com

Endress+Hauser