Radiometric Level/density measurement Source Container FQG62

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

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

**Main wetted parts**
- Non-contact

**Process connection**
- Non-contact

**Certificates / Approvals**
- ATEX, GOST

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### Continuous / Solids

**Measuring principle**
Radiometric
Continuous / Solids

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

**Specialities**
Control area calculation with Applicator

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

**Process temperature**
Any

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

**Main wetted parts**
Non-contact

**Process connection**
Non-contact

**Certificates / Approvals**
ATEX, GOST

Point Level / Liquids

**Measuring principle**
Radiometric Limit

**Characteristic / Application**
Source container
Emission angle: 5 degrees
Approximately 87kg
<table>
<thead>
<tr>
<th><strong>Point Level / Liquids</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Specialities</strong></td>
</tr>
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</tr>
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### Point Level / Solids

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

**Process temperature**
Any

**Process pressure / 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)

**Process temperature**
Any

**Process pressure**
Any
### Density

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