

Radiometric measurement Gamma Modulator FHG65

Effective suppression of background radiation and extraneous radiation at the Gammapilot FMG60



Benefits:

- Unhindered measurement with Gammapilot FMG60 in the event of interference radiation from non-destructive material testing up to 50 μ Sv/h or fluctuating background radiation
- Highest system safety thanks to safe measuring signals
- Continuing measurements which increase plant availability and reliability
- Cost efficient system without maintenance requirements
- Easy installation in conjunction with FQG61/62 source containers
- Easy integration into existing systems and fast operation

More information and current pricing:

www.th.endress.com/FHG65

Field of application: The Gamma Modulator FHG65 is made for effective suppression of background and extraneous radiation (e. g. from non-destructive materials testing). The Gammapilot FMG60 can separate useful signals from interference radiation by its modulated radiation. This enables continuing measurements which increase plant availability and reliability.

Features and specifications

Density

Measuring principle

Radiometric Density

Density

Characteristic / Application

Radiometric Measurement

Effective Suppression of Background Radiation and Extraneous Radiation at the Gammapihot FMG60

Supply / Communication

DC: 18-36V

Ambient temperature

-40°C ...60°C

(-40°F ... 140°F)

with cooling jacket:

0°C ...120°C

(32°F ...248 °F)

Process temperature

Any

Process pressure absolute

Any

Wetted parts

Non-contact

Hygienic

Non-contact

Density

Certificates / Approvals

ATEX

FM

CSA

TIIS

NEPSI

Specialities

Unhindered measurement with Gammapilot M FMG60 in the event of
-Interference radiation from nondestructive material testing up to 50
 $\mu\text{Sv/h}$ – Fluctuating background radiation

ComponentsSynchronizer FHG66

Continuous / Liquids

Measuring principleRadiometric

Characteristic / Application

Radiometric Measurement

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Radiation at the Gammapilot FMG60

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Process temperatureAny

Process pressure absolute / max. overpressure limitAny

Main wetted partsNon-contact

Process connectionNon-contact

Process connection hygienicNon-contact

Certificates / ApprovalsATEX, FM, CSA, IEC Ex, TIIS, NEPSI

ComponentsSynchronizer FHG66

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

Point Level / Solids**Characteristic / Application**

Radiometric Measurement

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Components

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Continuous / Solids**Measuring principle**

Radiometric

Continuous / Solids**Characteristic / Application**

Effective Suppression of Background Radiation and Extraneous

Radiation at the Gammapilot FMG60

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