Radiometric measurement Gamma Modulator FHG65

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

More information and current pricing:
www.uk.endress.com/FHG65

Benefits:

- Unhindered measurement with Gammapilot FMG60 in the event of interference radiation from non-destructive material testing up to 50µSv/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

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 Gammapilot 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 µSv/h – Fluctuating background radiation

Components

Synchronizer FHG66

Continuous / Liquids

Measuring principle

Radiometric

Characteristic / Application

Radiometric Measurement

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Radiation at the Gammapilot FMG60

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

Process connection
Non-contact

Process connection hygienic
Non-contact

Certificates / Approvals
ATEX, FM, CSA, IEC Ex, TIIS, NEPSI

Components
Synchronizer FHG66

Point Level / Solids

Measuring principle
Radiometric Limit

Point Level / Solids

Characteristic / Application

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More information **www.uk.endress.com/FHG65**

Endress+Hauser Ltd
United Kingdom

addresses.endress.com
info@uk.endress.com

Endress+Hauser