

Radiometric measurement Synchronizer FHG66

Synchronization of an unlimited number of
Gamma Modulators FHG65 for unhindered
measurement



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.be.endress.com/FHG66

Field of application: The Gamma Synchronizer FHG66 is made for synchronization of an unlimited number of Gamma Modulators FHG65 for unhindered measurement with Gammapilot FMG60. The Gamma Modulator FHG65 is made for effective suppression of background and extraneous radiation (e. g. from non-destructive materials testing). The FHG66 observes the correct operation of just one single modulator.

Features and specifications

Point Level / Solids**Measuring principle**

Radiometric
Limit

Communication

Relay: 1x SPDT

Continuous / Solids**Measuring principle**

Radiometric

Characteristic / Application

Synchronization of an unlimited number of Gamma Modulators
FHG65

Specialities

If multiple Gamma Modulators FHG65 are used

Supply / Communication

DC: 18...36 V

Ambient temperature

Mounted individually:

-20°C ...60°C

(-4°F ... 142°F)

Mounted in a row without lateral spacing:

-20°C... 50°C

(-4°F ...122°F)

Installed in protective housing:

-20°C ... 40°C

(-4°F ... 104°F)

Communication

Relay: 1x SPDT

Continuous / Liquids**Measuring principle**Radiometric

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CommunicationRelay: 1x SPDT

Point Level / Liquids**Measuring principle**

Radiometric

Limit

CommunicationRelay: 1x SPDT

Density**Measuring principle**Radiometric Density

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