

# Radiometric measurement Synchronizer FHG66

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



More information and current pricing:

[www.th.endress.com/FHG66](http://www.th.endress.com/FHG66)

### Benefits:

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

**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 / Liquids****Measuring principle**

Radiometric  
Limit

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**Communication**

Relay: 1x SPDT

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**Continuous / Liquids****Measuring principle**

Radiometric

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**Characteristic / Application**

Synchronization of an unlimited number of Gamma Modulators  
FHG65

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**Specialities**

If multiple Gamma Modulators FHG65 are used

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**Supply / Communication**

DC: 18...36 V

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**Continuous / Liquids****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)

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**Communication**Relay: 1x SPDT

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**Point Level / Solids****Measuring principle**

Radiometric

Limit

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**Communication**Relay: 1x SPDT

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**Continuous / Solids****Measuring principle**Radiometric

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**Continuous / Solids****Characteristic / Application**

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**Communication**

Relay: 1x SPDT

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**Density****Measuring principle**

Radiometric Density

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## Density

**Characteristic / Application**

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**Supply / Communication**

DC: 18...36 V

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**Options**

Relay: 1x SPDT

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**Specialities**

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