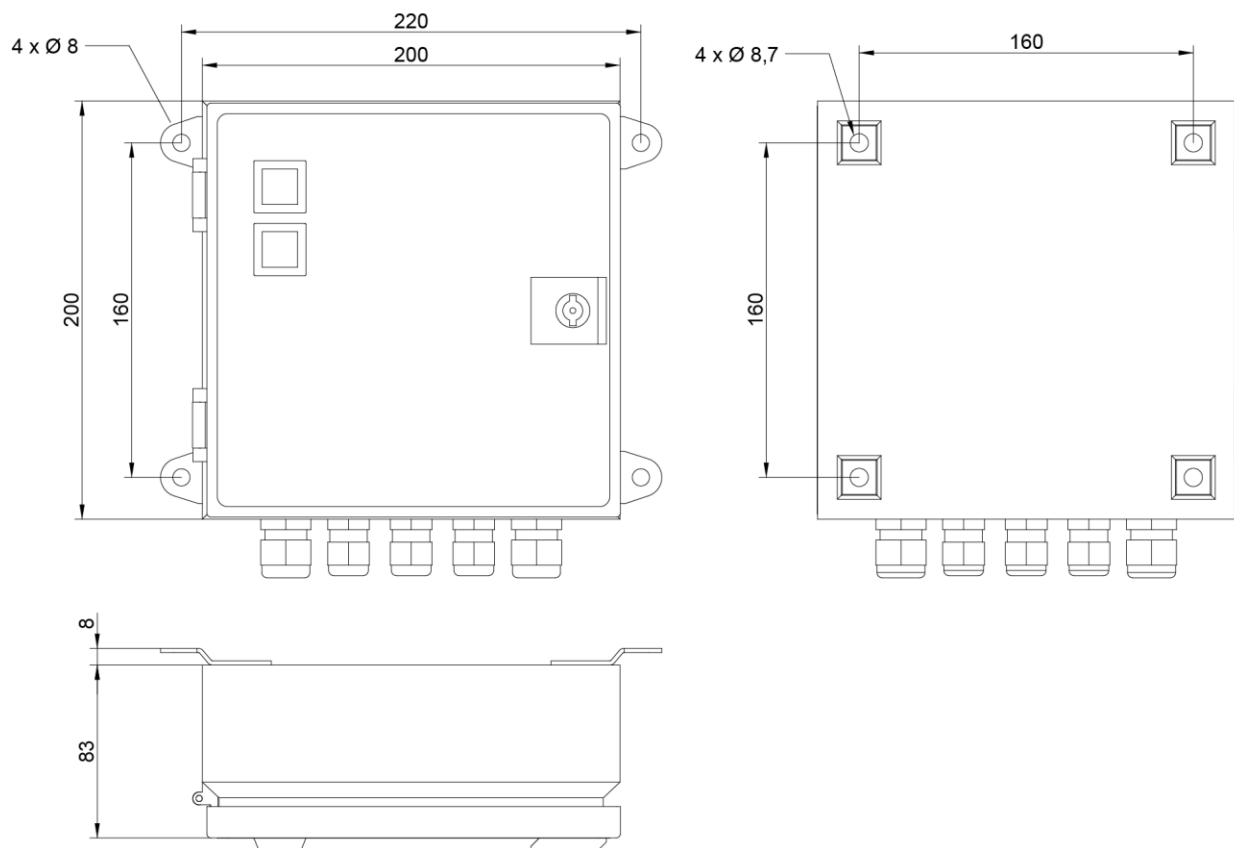
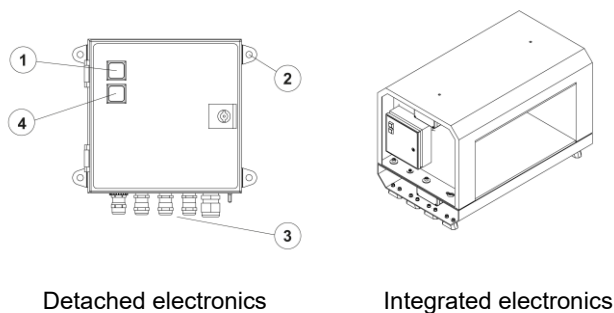


Dimensions



All dimensions in [mm]



- 1 Button for mains voltage (incl. status display)
 - 2 Additional mounting brackets for installing the remote electronics
 - 3 Cable glands for customer interfaces
 - 4 Reset button
- Optional:*
- Button for manual discharge in combination with advanced system monitoring

Product description

The **AMD 3.5** electronics unit is designed for industrial use in **non-food applications**. It supports various conveying types, including **pressure conveying, suction conveying, free fall applications** as well as operation on **conveyor belts**. The possible **speed range extends from 0.1 m/s to 30 m/s**, which makes the AMD 3.5 suitable for processes with low to very high conveying speeds. This allows for flexible use in a very wide variety of production and conveying environments.

Areas of application

The **AMD 3.5** electronics unit is designed for industrial use in **food and non-food applications**. It supports various conveying types, including **pressure conveying, suction conveying, free fall applications** as well as operation on **conveyor belts**. The possible **speed range extends from 0.1 m/s to 30 m/s**, which makes the AMD 3.5 suitable for processes with low to very high conveying speeds. This allows for flexible use in a very wide variety of production and conveying environments.

Ambient conditions

Ambient temperature	- 10°C to +50°C
Storage / transport conditions	-10°C to +60°C
Relative humidity	0% to 95% (without condensation)

Electronic housing

Material	Non-food: St 235 JR, textured paint (RAL 3027)
Protection class	Non-food: IP 54
Weight	4 kg

Functional characteristics

Status display	LED
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Signal processing

Active interference suppression	Multi-function filter system: Highly selective digital filter and analog response filter for interference-free operation
Frequency	Single frequency
Evaluation procedure	Analogue threshold evaluation

Electrical properties

Operating voltage	100 V – 240 V AC, 50/60 Hz
Maximum power consumption	20 W
Mains connection	1.8 m cable with Schuko plug
Self-monitoring	Integrated
Switching inputs	Reset and test button Pressure monitoring, separation monitoring
Switching outputs	1 output (24 V DC) 2 potential-free contacts (250 V AC)

Conformity

Optionally available:

- NRTL certification (61010-1)
- IEC certification (61010-1)

Options

- Power supply 24 V DC
- Country-specific power cable

Accessories

- Signal combination for error status warning
- Signalling device protective cover
- External reset "Button"
- External reset "Key"

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Technical changes and errors excepted.

Note:

If you require further product information that goes beyond the content of this technical data sheet and in particular concerns a specific use and the application of this product, please contact us.