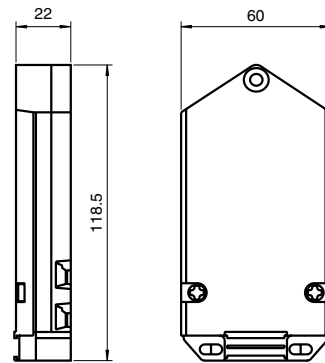
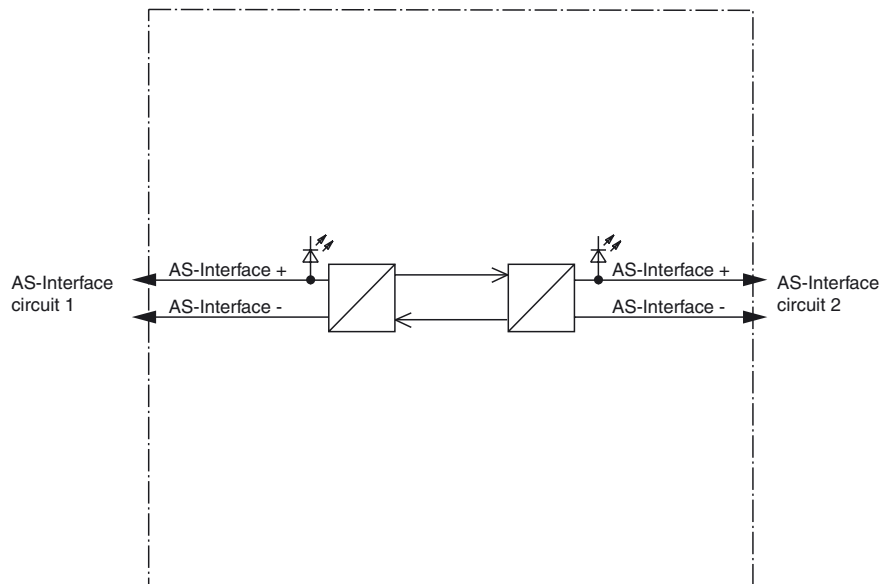




Dimensions



Electrical connection



Model Number

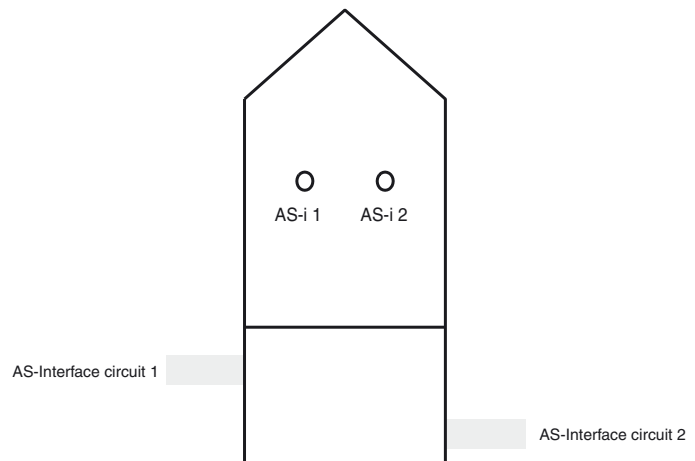
VAR-G3F

Repeater

Features

- Line lengthening by 100 m (total max. length 500 m)
- Galvanic isolation
- No parameterisation
- No specific address on the AS-Interface bus

Indicating / Operating means



Technical data**Electrical specifications**

Rated operational voltage	U_e	from AS-Interface
Rated operational current	I_e	60 mA (per strand element), 120 mA (total)

Standard conformity

Standards	According to slave specification
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Ambient conditions

Ambient temperature	0 ... 55 °C (273 ... 328 K)
Storage temperature	-25 ... 75 °C (248 ... 348 K)

Mechanical specifications

Protection degree	IP65 according to EN 60529
Connection	cable piercing method flat cable yellow

Material

Housing	plastic
Mounting	screw mounting

Function

The VAR-G3F repeater isolates two AS-Interface circuits galvanically and preprocesses the AS-Interface signals electrically, which extends the cable length by 100 m. It does not require an own address on the AS-Interface. No more than 2 repeaters may be switched in series. If the repeaters are arranged suitably, a maximum system expansion of 500 m can be achieved. Due to galvanic isolation, each segment requires a power supply unit or a power extender. Two LEDs indicate the correct polarity of the AS-Interface cable.