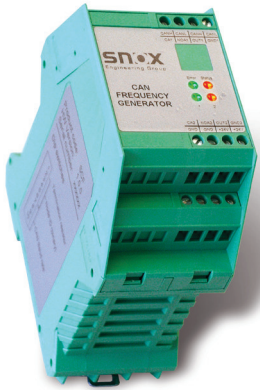




# Frequency Generator



## Applications

- Wire guided AGV (Automated Guided Vehicles) applications
- VNA (Very Narrow Aisle) vehicles, for Storage applications

## Features

- 2 independently configurable loops
- Sine wave generation
- Frequency selection via switch
- Frequencies configuration via software (up to 10 kHz)
- Loop current configuration via software (up to 350 mA)
- CANOpen™ interface
- Micro processor controlled frequency generation
- Fault/status indication:
  - 2 CANOpen™ LEDs
  - 2 loop status LEDs (1 per loop)
  - Output signals, relays NO or NC, software configurable (1 per loop)
- Automatic impedance adjustment, allowing loop lengths up to 2000m
- Low power consumption, no heat sink needed
- Necessary for detecting antenna's direction of movement along the wire (\*)



## Technical specifications

Parameter	Value	Remark(s)
DC Supply voltage	24 V	
Power consumption	Max. 5 W	
Connectors	4 male sockets 5.08 mm pitch	
Operating Temp	-40 °C to 70 °C	
Transport/Storage Temp	-40 °C to 85 °C	
Relative humidity	95 %	Non condensing
Housing	DIN Rail (ME45)	
Dimensions	102 mm x 45.2 mm x 108.8 mm	
Weight	± 300 g	

(\*) Only in combination with Snox CAN Antenna

