

Class 248 Vectron Dual Mode

FORM NEU
NEW MOLD
2026



Class 248 Vectron Dual Mode NorthRail / PIKO / WFL VI Dual-Power Locomotive



37470 Analog



37471 Digital, incl. PSD XP S and **PIKO TrainSound®** onboard

Complementary items for authentic train formations:



37754 Container Car with 2x 20 Containers DB AG VI



37019 Sliding Tarpaulin Car Shimmns VTG VI

DUAL MODE

Class 248
NorthRail / WFL

PIKO



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Efficient on Every Track
The Vectron Dual Mode in G

DUAL MODE

Class 248

NorthRail / WFL



The Vectron Dual Mode in G Gauge from PIKO embodies innovation and passion in garden railroading. Even from the outside, this striking dual-power locomotive is a real eye-catcher, but it also impresses on every technical front: Whether in analog or digital mode, numerous well-designed features make every driving experience even more intense, lively, and authentic.

Model Highlights:

- With sunshade, attached GPS antenna and fine ventilation grilles
- Lighting in the cab and engine room, switchable between digital and analog modes
- Doors in the cab that open

Digital Features:

- Sound version with a digitally adjustable pantograph, a motor-driven fan on the roof, and a digitally controllable coupler
- Sound model with a pulsed evaporator and load-controlled sound (PIKO TrainSound® onboard)
- Pre-equipped for retrofitting a PIKO digital decoder (#36500 PSD XP G) or PIKO sound decoder (#36547 PSD XP Sound Vectron Dual Mode)

Technical Specifications

- Length over the buffers: 717 mm
- Minimum radius: 600 mm
- Era VI
- Weight: 4.2 kg
- Two ball-bearing motors
- Direction-dependent light change: white / red



Manufacturer:
Manufacturing Plan:
Start of delivery:
Applications:

Siemens Mobility
Werk München-Allach
2020 / 2021
Freight train service, shunting,
construction train services
BR 248, approx. 100 locomotives
BR 249, approx. 59 locomotives

Number of units:
(As of June 1, 2026)

The Vectron Dual Mode is a modern dual-power locomotive capable of running on both electric and diesel power—flexible, powerful, and environmentally friendly. Developed by Siemens Mobility based on the proven Vectron DE, this locomotive seamlessly transitions between electrified and non-electrified routes. The 248/249 series are distributed among numerous operators. Based on publicly documented owners and lessees, at least 20–25 different rail operators or rail service providers can be identified.

OUR PROTOTYPE: LOCOMOTIVE 248 066 NORTHRAIL/PIKO/WFL, REVISION DATE 5/30/23