

SENT Speed Limiter

Speed limiter for the latest generation of vehicles using SENT (Single Edge Nibble Transmission) throttle signals. Future-proof speed control for Euro VI+ and beyond.

Key Benefits

✓

What happens if I fit a DBW limiter to a SENT vehicle?

It won't work. The DBW limiter expects a PWM or analogue signal. A SENT vehicle transmits digital nibbles that the DBW unit cannot interpret. You will get either no speed limiting or engine fault codes. Always verify your vehicle's throttle protocol before ordering.

✓

Can the SENT limiter be retrofitted to older vehicles?

The SENT limiter is designed for SENT-protocol vehicles. For older vehicles with analogue or PWM throttle signals, use our [DBW Speed Limiter](/en/products/dbw-speed-limiter). For cable-throttle vehicles, use the [System 80](/en/products/system-80-speed-limiter).

✓

Is the SENT limiter more expensive than the DBW?

Pricing is comparable. The SENT limiter uses more advanced signal processing hardware, but AutoKontrol maintains competitive pricing across all product lines. [Request a quote](/en/get-a-quote) for your specific fleet requirements.

Technical Specifications

Protocol	SENT (SAE J2716) — also supports PWM fallback
Throttle Type	SENT sensor (digital)
Speed Setting Range	20–120 km/h (factory-set)
Speed Accuracy	± 1 km/h at set speed
Response Time	< 1 ms
Power Supply	Vehicle 12V / 24V DC
Operating Temperature	-40°C to +85°C
Tamper Protection	Tamper-evident seal with unique serial number
Certifications	EU/ECE R89, UTAC, TÜV, VCA

Contact Us

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DAF — XG, XG+, XF (2021+), CF (2021+)

Mercedes — Actros MP5, Arocs (2021+), new Atego

Scania — Super range (2021+), all new-generation trucks

Volvo — FH, FM, FMX (2021+), FE/FL (2022+)

MAN — TGX, TGS, TGL (2020+ new generation)

Iveco — S-Way, new Daily (2022+)

Renault — T High, T, D, C range (2021+)

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