


PI 2132

For technical personnel only!

1/2

PRODUCT INFORMATION

WHEEL SPEED SENSORS



Motorservice has expanded its portfolio in the field of sensor technology to include wheel speed sensors. The 35 articles cover a global vehicle fleet of approx. 270 million vehicles.

Wheel speed sensors are among the most important sensors in a vehicle. Their signal serves as an input variable for safety and comfort systems, such as the anti-lock braking system (ABS), electronic stability control (ESC) and traction control system (TCS), or in the tyre pressure monitoring system (TPMS). In this way, they make a direct contribution to driving safety, driving comfort and fuel consumption.

YOUR ADVANTAGES

- OE quality
- High-quality materials
- Large market coverage
- Production strictly in accordance with OE specifications
- Process-oriented quality management
- Sophisticated test concept
- Almost unlimited storage capability
- Robust electronic components with signal stability and interference insusceptibility



NOTE

The wheel speed sensors are available in different versions:

- Active or passive
- With cable or directly plugged in
- For left or right vehicle side
- For attachment to front or rear axle
- Type of signal output
(square-wave signal / PWM / AK protocol)

When ordering, pay attention to the exact distinction for the desired vehicle.

All content including pictures and diagrams is subject to change. For assignment and replacement, refer to the current catalogues or systems based on TecAlliance.

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2/2

WHEEL SPEED SENSORS RANGE

Pierburg no.	OEM	Ref. no.	Measurement type*	Installation side		Installation location		Cable
				Left	Right	Front	Rear	
7.14059.00.0	VAG	WHT 003 857, PAF 003 857, 65.27120-0000	Active	X		X	X	None
7.14059.01.0	VAG	WHT 003 856, PAF 003 856, 65.27120-0002	Active		X	X	X	None
7.14059.02.0	VAG	WHT 003 858, 1K0 927 808	Active		X	X	X	None
7.14059.03.0	Ford, Mazda, Volvo	1 223 620, BP4K-43-701A, 30748149	Active	X	X	X		None
7.14059.04.0	Ford, Mazda, Volvo	HV6T-2C190P-1A, BP4K-43-711B, 30793635	Active	X	X		X	None
7.14059.05.0	VAG	WHT 003 864 D, 65.27120-0004	Active	X	X		X	None
7.14059.06.0	Fiat, PSA	98 137 596 80, 4545 E7	Active	X	X	X		With
7.14059.07.0	Ford, Jaguar	C2S43216, 1S7T-2B372-AD	Active	X	X	X	X	None
7.14059.08.0	Mercedes-Benz	A 164 905 82 00, A 164 905 84 00	Active	X	X	X		With
7.14059.09.0	VAG	WHT003857B, 65.27120-0010, 955 606 405 12	Active	X			X	With
7.14059.10.0	VAG	WHT003856B, 65.27120-0009, 955 606 406 12	Active		X		X	None
7.14059.11.0	BMW	34 52 6 870 075	Active	X	X	X		With
7.14059.12.0	Ford, Volvo	31423609, LV6C-2C190-B2A, JV6C-2C190-B2A	Active	X	X		X	None
7.14059.13.0	Mercedes-Benz	A 246 905 76 03, 479005DA0A	Active	X	X		X	With
7.14059.14.0	Mercedes-Benz	A 204 905 29 05, A 204 905 79 00	Active	X	X	X		With
7.14059.15.0	Mercedes-Benz	A 164 905 83 00, A 164 540 15 17	Active	X	X	X	X	With
7.14059.16.0	BMW	34 52 6 762 466	Active	X	X		X	With
7.14059.17.0	VAG	WHT 003 859	Active	X		X	X	None
7.14059.18.0	VAG	WHT 003 858 B	Active		X	X	X	None
7.14059.19.0	VAG	WHT 003 859 B	Active	X			X	None
7.14059.20.0	VAG	1J0 927 807 B	Passive	X	X		X	None
7.14059.21.0	VAG	1J0 927 803	Passive	X		X		None
7.14059.22.0	VAG	WHT 003 860	Active		X	X		None
7.14059.23.0	VAG	WHT 003 861	Active	X		X		None
7.14059.24.0	VAG	WHT 003 863	Active	X			X	None
7.14059.25.0	VAG	WHT 003 857 D	Active		X	X		None
7.14059.26.0	VAG	WHT 003 856 D	Active	X		X		None
7.14059.27.0	VAG	WHT 003 860 B	Active		X	X		None
7.14059.28.0	VAG	WHT 003 861 B	Active	X		X		None
7.14059.29.0	VAG	WHT 003 863 C	Active	X			X	None
7.14059.30.0	VAG	WHT 003 862 C	Active		X		X	None
7.14059.31.0	VAG	WHT 003 857 C	Active	X		X	X	None
7.14059.32.0	VAG	WHT 003 856 C	Active		X	X	X	None
7.14059.33.0	VAG	6Q0927808A, 6Q0927808B, WHT 003 862	Active		X		X	None
7.14059.34.0	VAG	1H0 927 808, 1J0 927 804	Passive		X	X		None

*) Passive sensors are sensors that only contain passive elements without a permanent power supply.

Active sensors contain integrated electronic components at which current is continuously applied. The signal is output as a square-wave signal.

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