



# The New Generation of air mass sensors (BMW)

Vehicles:	Product: air mass sensor LMS4	
BMW, models with diesel / turbo diesel engine	PIERBURG No.	Ref. No.*
1 Series 2.0 (E87); 3 Series 2.0/2.5/3.0 (E46/E90/E91/E92/E93) 5 Series 2.0 (E60/E61); 730d 3.0 (E65/E66) X3 2.0/3.0 (E83); X5/X6 3.0 (E53/E70/E71)	7.18221.04.0	13 62 7 788 744/778 8744 0 928 400 504/0 928 400 529

Motor Service expands its product range by the air mass sensors of the LMS4 generation.

With the first air mass sensor of the new generation, item 7.18221.04.0, newer BMW vehicles are also covered.

The built-in air mass sensors have been welded in the flow pipe at the manufacturer. The measuring tubes in our air mass sensors are screwed into the manufacturer-specific flow pipes. The screws serve as register pins to prevent the plug-in probe from turning.

PIERBURG-quality measuring tubes are soon to be purchased separately. Further item numbers, along with product applications for BMW, Mercedes-Benz, Opel and Fiat will follow.



*Welded air mass sensor*



**Note:**

Air mass sensors of the generation LMS4 output a frequency-modulated square-wave signal for the measured mass air flow. The modulated signal is less sensitive to interferences.



*Screwed measuring tube from Motor Service*

The right of changes and deviating pictures is reserved. For assignment and replacement parts, refer to the current catalogues, TecDoc CD or respective systems based on TecDoc.  
 \* The reference numbers given are for comparison purposes only and must not be used on invoices to the consumer.