



PLUS Line: Pressure Gauges



Mechanical pressure gauges

Mechanical pressure gauges are used in vehicles and machines to mechanically measure the oil pressure or air pressure in a pressure system. In a pressure system, MOTOMETER pressure gauges mechanically determine the pressure by means of a measuring unit with a Bourdon spring. The mechanical pressure gauges all have a metal housing in order to provide the best possible protection and

stability and thereby guarantee a long service life. The instruments are illuminated by a flood light type. In the case of the standard types, the dial is black with white numbers and the front ring is of a black triangular design.

A distinction must be made between single pressure gauges and double pressure gauges.

Single pressure gauges

Measuring range	ø mm	Use	Pointer	Symbol	Connecting thread	Part No.
0 -10 bar	60	Oil pressure	red	without	M12 x 1,5	633 009 7005

Double pressure gauges

Measuring range	ø mm	Use	Pointer	Symbol	Connecting thread	Part No.
0 -10 bar	60	Air pressure	red/white	without		634 060 1019
0 -12 bar	60	Air pressure	red/white	without	at 5 bar	634 060 1028

MOTOMETER

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Electrical oil pressure displays

Oil pressure displays are used in vehicles and machines in order to show the oil pressure measured by a sensor. MOTOMETER oil pressure displays are equipped with a precise rotation quotient measuring unit that accurately shows the oil pressure as measured by the sensor. The oil pressure displays all have a metal housing in order to provide the best possible protection and stability and thereby guarantee a long

service life. The instruments are illuminated by a flood light type. In the case of the standard types, the dial is black with white numbers and a red pointer. The front ring is of a black triangular design. The oil pressure displays are available both off-earthed, as well as with different labelling of the dial (e.g. with other symbol imprints or colours) or a chrome front ring.

Resistance characteristic

5 bar:		10 bar		25 bar	
0 bar	10 Ohm	0 bar	10 Ohm	0 bar	10 Ohm
3 bar	116 Ohm	6 bar	124 Ohm	15 bar	125 Ohm
5 bar	184 Ohm	10 bar	184 Ohm	25 bar	184 Ohm

Compatible with MOTOMETER pressure sensors of series

675 002 xxxx 675 003 xxxx 675 004 xxxx

Measuring range	Voltage	ø mm	Use	Symbol	Resistance	Part No.
0 - 5 bar	24 V	52		Engine oil pressure	10...184 Ohm	644 001 1033
0 - 10 bar	24 V	52			10...184 Ohm	644 001 1034
0 - 10 bar	24 V	52	Warning LED red		10...184 Ohm	644 001 1042
0 - 10 bar	12 V	60			10...184 Ohm	644 060 1022
0 - 10 bar	24 V	60			10...184 Ohm	644 060 1040
0 - 10 bar	24 V	60	unearthed		10...184 Ohm	644 060 1041
0 - 25 bar	24 V	52	unearthed		10...184 Ohm	644 001 7013

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