



FUEL LEVEL SENSORS: Fuel tube sensor 54 mm flange



Fuel tube sensor 54 mm flange

Fuel tube sensors with an 54 mm hole circle are used in vehicles and machines that run on Diesel or gasoline fuel. The fuel sensor is immersed in the medium. A float located inside the fuel tube always moves on the surface of the liquid and changes an internal resistance that provides a quick and reliable display on normal tank display instruments.

MOTOMETER fuel tube sensors are of a robust design and, thanks to the special alloy of the resistance wire and the high-quality metal tube, have a reliable long service life.

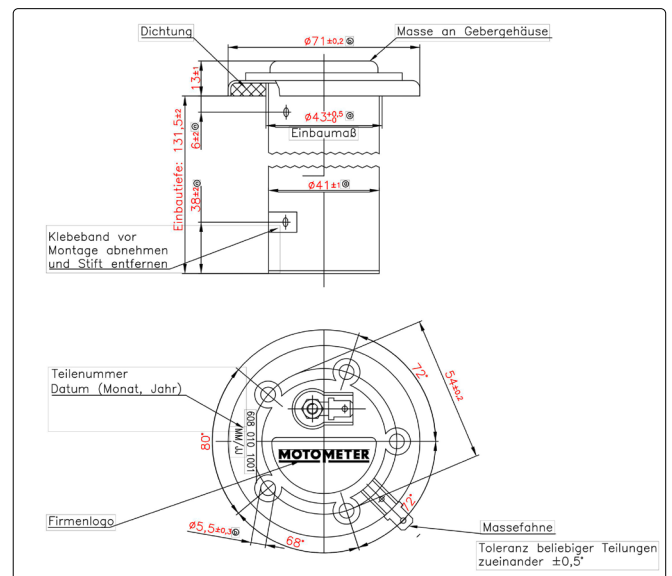
Fuel tube sensors with an 54 mm hole circle are suitable for installation in vehicle tanks to a depth of approximately 800 mm. Due to possible surge forces, the fuel tube sensor with \varnothing 80 mm hole circle should be used where lengths exceed 600 mm. The versions are compatible for a voltage between 6 - 24 Volt.

Compatible with MOTOMETER fuel displays

609 004 xxxx

609 005 xxxx

Drawing of fuel tube sensor 54 mm flange



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Ø hole circle	Length	Resistance FULL	Resistance EMPTY	Connection	Note	Part No
54mm	131,5 mm	2,3 +/- 0,4	61,3 +/- 1,4	A 6,3 x 0,8		608 010 1001
54 mm	166,5 mm	2,3 +/- 0,7	81,1 +/- 2,5	A 6,3 x 0,8		608 010 1002
54mm	192,0 mm	1,6 +/- 0,7	67,1 +/- 2,1	A 6,3 x 0,8		608 010 1003
54mm	221,5 mm	1,6 +/- 0,4	78,8 +/- 1,6	A 6,3 x 0,8		608 010 1004
54mm	251,0 mm	2,8 +/- 0,7	62,5 +/- 2,1	A 6,3 x 0,8		608 010 1005
54mm	279,5 mm	1,1 +/- 0,4	70,3 +/- 1,6	A 6,3 x 0,8		608 010 1006
54mm	310,5 mm	2,2 +/- 0,4	81,2 +/- 1,8	A 6,3 x 0,8		608 010 1007
54mm	341,5 mm	2,2 +/- 0,5	89,8 +/- 1,8	A 6,3 x 0,8		608 010 1008
54mm	372,5 mm	0,8 +/- 0,4	65,7 +/- 1,4	A 6,3 x 0,8		608 010 1009
54mm	404,5 mm	1,5 +/- 0,7	73,3 +/- 2,3	A 6,3 x 0,8		608 010 1010
54mm	433,5 mm	0,8 +/- 0,4	77,3 +/- 1,6	A 6,3 x 0,8		608 010 1011
54mm	463,5 mm	0,8 +/- 0,5	83,0 +/- 1,8	A 6,3 x 0,8		608 010 1012
54mm	498,5 mm	0,5 +/- 0,4	61,4 +/- 1,4	A 6,3 x 0,8		608 010 1013
54mm	810,0 mm	0,4 +/- 0,4	70,6 +/- 2,3	A 6,3 x 0,8	with bottom spring	608 010 1027
54mm	525,0 mm	2,0 +/- 0,1	68,0 +/- 6,0	A 6,3 x 0,8		608 010 1031
54mm	525,0 mm	1,5 +/- 0,7	66,0 +/- 2,3	A 6,3 x 0,8		608 010 1032
54mm	292,5 mm	1,1 +/- 0,6	73,8 +/- 1,6	A 6,3 x 0,8		608 010 1048
54mm	590,5 mm	0,6 + 0,7 +/- 0,4	73,3 +/- 1,6	A 6,3 x 0,8	with ground contact	608 010 1049
54mm	602,0 mm	0,8 +/- 0,4	57,4 +/- 1,2	A 6,3 x 0,8	with bottom spring	608 010 1065

Special wishes? We deliver customized solutions!

In addition to the standard temperature sensors listed, we can also offer you customized specific solutions. Simply contact us with your requirements via the adjacent button:

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