

Fuel Tube Sensor, 54 mm Flange

MOTOMETER

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Our Fuel Tube Sensors with 54 mm Flange are used in vehicles and machinery powered by diesel or gasoline. The sensor is directly immersed into the medium. An internal float within the immersion tube always moves on the liquid surface, altering an internal resistance. This allows for a quick and reliable indication on conventional fuel gauges.

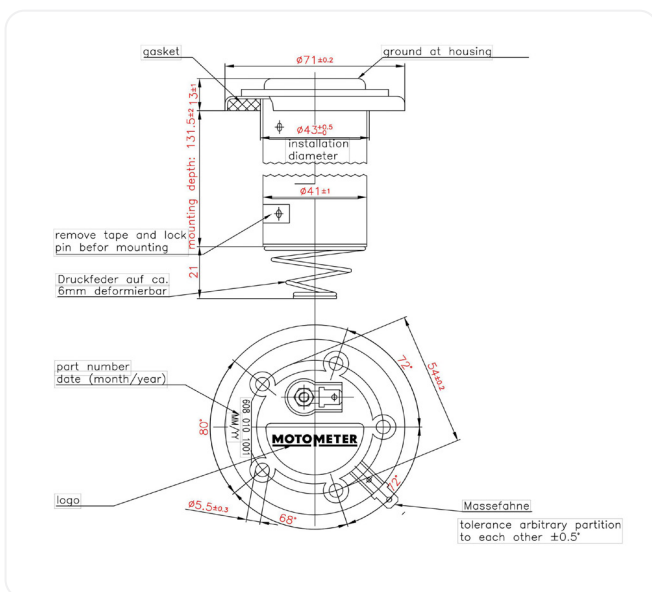
MOTOMETER immersion level sensors are characterized by their robust construction, ensuring a long lifespan due to special alloy resistance wire and high-quality metal tube materials. Our Fuel Tube Sensors with 54 mm Flange are suitable for installation in vehicle tanks with depths of up to 800 mm. For deeper immersion depths exceeding 600 mm, we recommend using a sensor with an 80 mm bolt circle diameter to account for slosh forces. All models are designed for a voltage range of 6 to 24 volts.

For personalized quotes and advice, we are at your service. Contact us today to receive tailor-made solutions for your requirements:

[Contact us now](#)



Example product drawing:



Technical Details

Compatible with MOTOMETER fuel displays:

609 004 xxxx

609 005 xxxx

609 104 xxxx

Expandable with our MOTOMETER adapter flange to 80 mm diameter:

608 044 0000

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Our different Fuel Tube Sensors with 54 mm Flange:

Length	Resistance FULL	Resistance EMPTY	Connection	Drawing	Art. Nr.
131,5 mm	2,3 +/- 0,4	61,3 +/- 1,4	A 6,3 x 0,8	Drawing	608 010 1001
166,5 mm	2,3 +/- 0,7	64,4 +/- 2,1	A 6,3 x 0,8	Drawing	608 010 1002
192,0 mm	1,6 +/- 0,7	75 +/- 2,3	A 6,3 x 0,8	Drawing	608 010 1003
221,5 mm	1,6 +/- 0,7	78,8 +/- 2,3	A 6,3 x 0,8	Drawing	608 010 1004
251,0 mm	2,8 +/- 0,7	62,5 +/- 2,1	A 6,3 x 0,8	Drawing	608 010 1005
279,5 mm	1,1 +/- 0,4	70,3 +/- 1,6	A 6,3 x 0,8	Drawing	608 010 1006
292,5 mm	1,1 +/- 0,6	73,8 +/- 1,6	A 6,3 x 0,8	Drawing	608 010 1048
310,5 mm	1,1 +/- 0,7	81,2 +/- 2,7	A 6,3 x 0,8	Drawing	608 010 1007
341,5 mm	2,2 +/- 0,5	89,8 +/- 1,8	A 6,3 x 0,8	Drawing	608 010 1008
372,5 mm	0,8 +/- 0,7	65,7 +/- 2,1	A 6,3 x 0,8	Drawing	608 010 1009
404,5 mm	1,5 +/- 0,7	73,3 +/- 2,3	A 6,3 x 0,8	Drawing	608 010 1010
433,5 mm	0,8 +/- 0,4	77,3 +/- 1,6	A 6,3 x 0,8	Drawing	608 010 1011
463,5 mm	0,8 +/- 0,5	83,0 +/- 1,8	A 6,3 x 0,8	Drawing	608 010 1012
498,5 mm	0,5 +/- 0,4	61,4 +/- 1,4	A 6,3 x 0,8	Drawing	608 010 1013
590,5 mm	0,6 +0,7/-0,4	73,3 +/- 1,6	A 6,3 x 0,8	Drawing	608 010 1049

None of our products fit your requirements exactly?

In addition to our standard models, we also offer customized solutions that are specifically tailored to your needs. Simply contact us with your requirements and we will get in touch with you immediately to provide you with individual offers and advice: