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Fuel Tube Sensor 54 mm Flange

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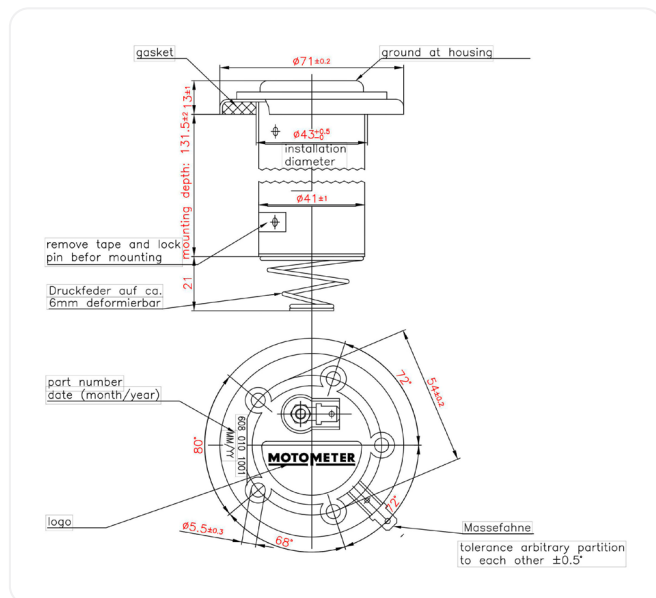
Our Fuel Tube Sensors with 54 mm Flange are used in vehicles and machinery powered by diesel or gasoline. The sensor is directly immersed into the medium. An internal float within the immersion tube always moves on the liquid surface, altering an internal resistance. This allows for a quick and reliable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

Special requests? We deliver customized solutions!

In addition to the listed standard products, we are happy to offer you customized solutions. Simply contact us with your requirements via the button below:

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Our Fuel Tube Sensor 54 mm Flange variants Part 1:

Part 1	608 010 1001	608 010 1002	608 010 1003	608 010 1004
Product Image				
Drawing	Drawing	Drawing	Drawing	Drawing
Ø hole circle	54 mm	54 mm	54 mm	54 mm
Length	131,5 mm	1086,0 mm	596 mm	641 mm
Resistance FULL	2,3 +/- 0,4	0-2	0-2	
Resistance EMPTY	61,3 +/- 1,4	64,4 +/- 2,1	75 +/- 2,3	
Connection	A 6,3 x 0,8	A 6,3 x 0,8	A 6,3 x 0,8	A 6,3 x 0,8
Note				
Shop Link	Discover now	Discover now	Discover now	Discover now

Our Fuel Tube Sensor 54 mm Flange variants Part 2:

Part 2	608 010 1005	608 010 1006	608 010 1048	608 010 1008
Product Image				
Drawing	Drawing	Drawing	Drawing	Drawing
Diameter hole circle	54 mm	54 mm	54 mm	54 mm
Length	251,0 mm	279,5 mm	292,5 mm	341,5 mm
Resistance FULL	2,8 +/- 0,7	1,1 +/- 0,4	1,1 +/- 0,6	2,2 +/- 0,5
Resistance EMPTY	62,5 +/- 2,1	70,3 +/- 1,6	73,8 +/- 1,6	89,8 +/- 1,8
Connection	A 6,3 x 0,8	A 6,3 x 0,8	A 6,3 x 0,8	A 6,3 x 0,8
Note				
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Our Fuel Tube Sensor 54 mm Flange variants Part 3:

Part 3	608 010 1010	608 010 1011	608 010 1012	608 010 1013
Product Image				
Drawing	Drawing	Drawing	Drawing	Drawing
Ø hole circle	54 mm	54 mm	54 mm	54 mm
Length	404,5 mm	433,5 mm	463,5 mm	498,5 mm
Resistance FULL	1,5 +/- 0,7	0,8 +/- 0,4	0,8 +/- 0,5	0,5 +/- 0,4
Resistance EMPTY	73,3 +/- 2,3	77,3 +/- 1,6	83,0 +/- 1,8	61,4 +/- 1,4
Connection	A 6,3 x 0,8	A 6,3 x 0,8	A 6,3 x 0,8	A 6,3 x 0,8
Note				
Shop Link	Discover now	Discover now	Discover now	Discover now

Our Fuel Tube Sensor 54 mm Flange variants Part 4:

Part 4	608 010 1031	608 010 1032	608 010 1049	608 010 1065	608 010 1027
Product Image					
Drawing	Drawing	Drawing	Drawing	Drawing	Drawing
Ø hole circle	54 mm	54 mm	54 mm	54 mm	54 mm
Length	525,0 mm	525,0 mm	590,5 mm	602,0 mm	810,0 mm
Resistance FULL	2,0 +/- 0,1	1,5 +/- 0,7	0,6 + 0,7 +/- 0,4	0,8 +/- 0,4	0,4 +/- 0,4
Resistance EMPTY	68,0 +/- 6,0	66,0 +/- 2,3	73,3 +/- 1,6	57,4 +/- 1,2	70,6 +/- 2,3
Connection	A 6,3 x 0,8	A 6,3 x 0,8	A 6,3 x 0,8	A 6,3 x 0,8	A 6,3 x 0,8
Note			With ground contact	With bottom spring	With bottom spring
Shop Link	Discover now	Discover now	Discover now	Discover now	Discover now