



operating voltage	12 ... 24V DC
output impedance	1k ... 20k $\Omega$
range output signal	0.5 ... 4.5V
resolution output ( $V_{in}=12V$ )	50mV
accuracy output	$\pm 100$ mV
distance range	810mm blind_zone $\leq 50$ mm
operating temperature	-40 ... +85°C
storage temperature	-50 ... +100°C
material housing	Nylon 6
chemical resistance	LPG, diesel, engine oil, hydraulic fluids, coolant
EMC	50V/m
mechanical shock	18g shock
drop test	fall from 120cm
vibration	4g <sub>rms</sub> 8h each axis
humidity accuracy	85% at 85°C for 1000h
angle of beam spread	$\pm 6^\circ$

Parts included rubber gasket  
 Sensor will fit fuel tank mounting hole per SAE J1810  
 part number on top side

measured value file : 608\_043\_1014  
 damping : middle  
 mating connector : 664 010 4118  
 output signal : empty=0,5V, full=4,5V  
 characteristic line : linear

electrical connection:		
Pin	wire color	assignment
A	blk	ground
B	ye	signal
C	rd	voltage

pos.	ind.	kind of modification	date	name

<b>MOTOMETER</b>	date	17.05.10
	sig.	Augustin
	rev.	
for dimensions without tolerance indication: DIN ISO 2768 mittel	pass.	
customer number:		

description:  
 ultra sonic sensor  
 810mm

scale: drawing number:  
 608 043 1014